

Patch Release Notes
Oracle Financial Services Lending and Leasing
Patch Release 14.12.0.0.x
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ORACLE®
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Table of Contents

1.	REVISION HISTORY	1-1
2.	PATCH RELEASE NOTES	2-1
2.1	BACKGROUND / ENVIRONMENT.....	2-1
2.2	PURPOSE.....	2-1
2.3	ABBREVIATIONS	2-1
2.4	PRODUCT SUMMARY	2-1
2.5	RELEASE HIGHLIGHTS	2-1
3.	PATCH RELEASE 14.12.0.0.1.....	3-1
3.1	ENHANCEMENTS.....	3-1
3.2	LEASE – AMORTIZED METHOD OF CALCULATION	3-2
3.2.1	Overview.....	3-2
3.2.2	Description	3-2
3.2.3	Seed Data.....	3-2
3.3	NEW AMORTIZATION METHOD (EVERY MONTH END)	3-2
3.3.1	Overview.....	3-2
3.3.2	Description	3-2
3.3.3	Seed Data.....	3-3
3.4	EXTERNAL SYSTEM DATA PROCESSING	3-3
3.4.1	Overview.....	3-3
3.4.2	Description	3-4
3.5	BIP REPORTS WRITING TO INPUT FILE PROCESSING	3-4
3.5.1	Existing Architecture	3-5
3.5.2	Enhanced Architecture	3-5
3.5.3	BIP Server Configuration	3-6
3.5.4	Reference	3-6
3.6	RE-DESIGN OF OFSSL EVENTS FRAMEWORK	3-6
3.6.1	Fix Description	3-6
3.6.2	Units Updated Changes.....	3-7
3.6.3	Events Flow Diagram	3-8
3.6.4	Seed Data Changes.....	3-9
3.7	ASSET POINTS FORMULA PARAMETER ENHANCEMENT	3-10
3.7.1	Overview.....	3-10
3.7.2	Description	3-10
3.8	ORACLEFSSLBUREAUAPI ISSUE (BUG 33885338).....	3-11
3.8.1	Issue.....	3-11
3.8.2	Fix Description	3-11
3.9	UPDATE EXISTING CUSTOMER/ BUSINESS NUMBER IN SERVICING	3-13
3.9.1	Overview.....	3-13
3.9.2	Description	3-13
3.9.3	Seed Data.....	3-14
3.10	PAYMENT HIERARCHY: NEW METHOD - TOTAL DELQ DUE AMT (INCL CURRENT DUE)	3-15
3.10.1	Overview.....	3-15
3.10.2	Description	3-15
3.10.3	Seed Data.....	3-16
3.11	NSF ON MASTER ACCOUNT	3-16
3.11.1	Overview.....	3-16
3.11.2	Description	3-16
3.11.3	Seed Data.....	3-18
3.12	NEW PRE BILL DAYS MAINTENANCE TRANSACTION	3-18
3.12.1	Overview.....	3-18
3.12.2	Description	3-18

3.12.3	Seed Data.....	3-20
3.13	PATCHES AND BUGS	3-21
4.	PATCH RELEASE 14.12.0.0.2.....	4-1
4.1	ENHANCEMENTS.....	4-1
4.2	CHANGES TO RESCISSION TRANSACTION	4-1
4.2.1	Overview.....	4-1
4.2.2	Description	4-2
4.2.3	Seed Data.....	4-5
4.3	NEW AMORTIZATION METHOD (EVERY MONTH END)-PHASE 2	4-7
4.3.1	Overview.....	4-7
4.3.2	Description	4-7
4.3.3	Seed Data.....	4-10
4.4	TERMINATION & PAYOFF QUOTE LEASE TXN ENHANCEMENTS	4-11
4.4.1	Overview.....	4-11
4.4.2	Description	4-11
4.4.3	Seed Data.....	4-14
4.5	EVENTS FOR PAYOFF QUOTE TRANSACTIONS	4-15
4.5.1	Overview.....	4-15
4.5.2	Description	4-15
4.6	PATCHES AND BUGS	4-17
5.	PATCH RELEASE 14.12.0.0.3.....	5-1
5.1	ENHANCEMENTS.....	5-1
5.2	SEED DATA CHANGES FOR IMPACTED BUGS.....	5-1
5.3	PATCHES AND BUGS	5-2
6.	PATCH RELEASE 14.12.0.0.4.....	6-1
6.1	ENHANCEMENTS.....	6-1
6.2	SEED DATA CHANGES FOR IMPACTED BUGS.....	6-1
6.3	PATCHES AND BUGS	6-2
7.	PATCH RELEASE 14.12.0.0.5.....	7-1
7.1	ENHANCEMENTS.....	7-1
7.2	STUB PERIOD BILLING.....	7-1
7.2.1	Overview.....	7-1
7.2.2	Description	7-1
7.2.3	Stub Billing/ Broken Period Billing	7-2
7.2.4	Impact Handling	7-7
7.2.5	Seed Data.....	7-8
7.3	EVERGREEN LEASE ENHANCEMENT	7-9
7.3.1	Overview.....	7-9
7.3.2	Description	7-9
7.3.3	Setup Contract Changes	7-9
7.3.4	New Monetary Transaction → 'Residual Reduction'.....	7-10
7.3.5	Changes to existing transaction: Evergreen Maintenance Txn	7-11
7.3.6	Seed Data.....	7-15
7.3.7	Open Bug	7-18
7.4	NEW WEB SERVICES	7-18
7.4.1	Changes to Existing Web Services.....	7-19
7.5	SEED DATA CHANGES FOR IMPACTED BUGS.....	7-19
7.6	PATCHES AND BUGS	7-20
8.	PATCH RELEASE 14.12.0.0.6.....	8-1
8.1	ENHANCEMENTS.....	8-1
8.2	NEW PAYMENT METHOD IN 'EVERGREEN' LEASE.....	8-1
8.2.1	Overview.....	8-1
8.2.2	Description	8-1

8.3	REVENUE PROJECTIONS - TAM	8-2
8.3.1	Overview	8-2
8.3.2	Description	8-2
8.3.3	Seed Data:	8-4
8.4	NEW SCORING PARAMETERS (CHARACTER TYPE)	8-4
8.4.1	Overview	8-4
8.4.2	Description	8-4
8.4.3	Seed Data	8-8
8.5	NEW WEB SERVICES	8-9
8.5.1	Seed Data	8-9
8.5.2	Changes to Existing Web Services	8-10
8.6	SEED DATA CHANGES FOR IMPACTED BUGS	8-10
8.7	PATCHES AND BUGS	8-11
9.	PATCH RELEASE 14.12.0.0.7	9-1
9.1	ENHANCEMENTS	9-1
9.2	'EVERGREEN' CONDITION POSTING CHANGES	9-1
9.2.1	Overview	9-1
9.2.2	Description	9-1
9.2.3	Seed Data	9-2
9.3	FISCAL/STUB PERIOD – ADDITIONAL VALIDATIONS	9-2
9.3.1	Overview	9-2
9.3.2	Description	9-2
9.3.3	Seed Data:	9-3
9.4	CONVERSION – BUSINESS NUMBER	9-3
9.4.1	Overview	9-3
9.4.2	Description	9-3
9.4.3	Seed Data:	9-3
9.5	CALCULATOR – WEB SERVICES ENHANCEMENTS	9-3
9.5.1	Overview	9-3
9.5.2	Description	9-3
9.5.3	Seed Data	9-4
9.6	LEASE CLOSING DATE – SERVICING SUMMARY SCREEN	9-4
9.6.1	Overview	9-4
9.6.2	Description	9-4
9.6.3	Seed Data	9-4
9.7	SEED DATA CHANGES FOR IMPACTED BUGS	9-4
9.8	PATCHES AND BUGS	9-5
10.	PATCH RELEASE 14.12.0.0.8	10-1
10.1	ENHANCEMENTS	10-1
10.2	FISCAL/STUB PERIOD – HANDLING DURING EVERGREEN PERIOD	10-1
10.2.1	Overview	10-1
10.2.2	Description	10-1
10.2.3	Seed Data	10-2
10.3	ORIGINATION - LABEL CONFIGURATION	10-2
10.3.1	Overview	10-2
10.3.2	Description	10-2
10.3.3	Seed Data:	10-4
10.4	SEED DATA CHANGES FOR IMPACTED BUGS	10-4
10.5	PATCHES AND BUGS	10-5
11.	PATCH RELEASE 14.12.0.0.9	11-1
11.1	ENHANCEMENTS	11-1
11.2	CONFIGURE NUMBER GENERATION (ADF)	11-2
11.2.1	Overview	11-2
11.2.2	Description	11-2
11.2.3	Seed Data	11-10

11.3	CLOB CONVERSION.....	11-11
11.3.1	Overview.....	11-11
11.3.2	Description.....	11-11
11.3.3	Seed Data.....	11-13
11.4	WEBSERVICE ALERT LOGGING.....	11-14
11.4.1	Overview.....	11-14
11.4.2	Seed Data.....	11-19
11.5	CONFIGURE DATE FORMAT FOR FLEX TABLE ATTRIBUTES.....	11-20
11.5.1	Overview.....	11-20
11.5.2	Description.....	11-20
11.5.3	Seed Data.....	11-22
11.6	PERIODIC FEE MAINTENANCE – SUPPORT OF MULTIPLE FEE CONFIGURATIONS.....	11-23
11.6.1	Overview.....	11-23
11.6.2	Description.....	11-23
11.6.3	Seed Data.....	11-26
11.7	MASTER EXCESS ALLOCATION - NEW CREDIT BALANCE FIELD IN UI & WEBSERVICE.....	11-27
11.7.1	Overview.....	11-27
11.7.2	Description.....	11-27
11.7.3	Seed Data.....	11-27
11.8	CALCULATE ACTION CODE IN AOB.....	11-28
11.8.1	Overview.....	11-28
11.8.2	Description.....	11-28
11.8.3	Seed Data.....	11-30
11.9	BUSINESS ONLY APPLICATION SUPPORT.....	11-31
11.9.1	Overview.....	11-31
11.9.2	Description.....	11-31
11.9.3	Seed Data.....	11-31
11.10	NEW WEB SERVICES.....	11-32
11.10.1	Changes to Existing Web Services.....	11-32
11.10.2	Seed Data.....	11-32
11.11	SEED DATA CHANGES FOR IMPACTED BUGS.....	11-32
11.12	PATCHES AND BUGS.....	11-33
12.	PATCH RELEASE 14.12.0.0.10.....	12-1
12.1	ENHANCEMENTS.....	12-1
12.2	CONFIGURATION OF NUMBER GENERATION (ADF).....	12-1
12.2.1	Overview.....	12-1
12.2.2	Description.....	12-1
12.2.3	Seed Data.....	12-2
12.3	WEBSERVICE ALERT LOGGING.....	12-2
12.3.1	Overview.....	12-2
12.3.2	Description.....	12-2
12.3.3	Seed Data.....	12-4
12.4	CONFIGURE DATE FORMAT FOR FLEX TABLE ATTRIBUTES.....	12-4
12.4.1	Overview.....	12-4
12.4.2	Description.....	12-4
12.4.3	Seed Data.....	12-5
12.5	ACCOUNT DETAILS DATA DUMP FOR EXTERNAL SYSTEMS.....	12-5
12.5.1	Overview.....	12-5
12.5.2	Description.....	12-5
12.5.3	Seed Data.....	12-6
12.6	SEED DATA CHANGES FOR IMPACTED BUGS.....	12-6
12.7	PATCHES AND BUGS.....	12-7
13.	PATCH RELEASE 14.12.0.0.11.....	13-1
13.1	ENHANCEMENTS.....	13-1
13.2	REPAYMENT SCHEDULE CHANGES FOR LEASE RENTAL CONTRACT.....	13-2
13.2.1	Overview.....	13-2

13.2.2	Description	13-2
13.2.3	Seed Data	13-3
13.3	EVERGREEN END DATE	13-4
13.3.1	Overview	13-4
13.3.2	Description	13-4
13.3.3	Seed Data	13-4
13.4	INCOME SCHEDULE DETAILS IN WEB SERVICES	13-5
13.4.1	Overview	13-5
13.4.2	Description	13-5
13.4.3	Seed Data	13-5
13.5	1098 REPORTING ENHANCEMENTS	13-6
13.5.1	Overview	13-6
13.5.2	Description	13-6
13.5.3	Seed Data	13-6
13.6	CONFIGURABLE DATE FORMAT FOR FLEX TABLE ATTRIBUTES	13-7
13.6.1	Overview	13-7
13.6.2	Description	13-7
13.6.3	Seed Data	13-7
13.7	NEW JOB CODE ELEMENT TO 'SCHEDULER' SERVICE	13-8
13.7.1	Overview	13-8
13.7.2	Description	13-8
13.7.3	Seed Data	13-9
13.8	REMOVED DATA ACCESS CHECK FOR BATCH REPORTS	13-10
13.8.1	Overview	13-10
13.8.2	Description	13-10
13.8.3	Seed Data	13-11
13.9	SEED DATA CHANGES FOR IMPACTED BUGS	13-11
13.10	PATCHES AND BUGS	13-12
14.	PATCH RELEASE 14.12.0.0.12	14-1
14.1	ENHANCEMENTS	14-1
14.2	DIS WRAPPER SERVICE	14-1
14.2.1	Overview	14-1
14.2.2	Description	14-1
14.2.3	Seed Data	14-4
14.3	NEW ELEMENTS ADDED TO GET ACCOUNT DETAILS WEBSERVICE	14-5
14.3.1	Overview	14-5
14.3.2	Description	14-5
14.3.3	Seed Data	14-5
14.4	NUMBER GENERATION CHANGES	14-6
14.4.1	Overview	14-6
14.4.2	Description	14-6
14.4.3	Seed Data	14-6
14.5	CUP BATCH JOB ACCOUNT SELECTION ENHANCEMENT	14-7
14.5.1	Overview	14-7
14.5.2	Description	14-7
14.5.3	Seed Data	14-7
14.6	CYCLE BASED FEE ENHANCEMENT	14-11
14.6.1	Overview	14-11
14.6.2	Description	14-11
14.6.3	Seed Data	14-11
14.7	SEED DATA CHANGES FOR IMPACTED BUGS	14-11
14.8	PATCHES AND BUGS	14-12
15.	PATCH RELEASE 14.12.0.0.13	15-1
15.1	ENHANCEMENTS	15-1
15.2	RESIDUAL INCOME SPLIT	15-1
15.2.1	Overview	15-1

15.2.2	Description	15-1
15.2.3	'Computation of Residual Income' changes	15-2
15.2.4	Impact Handling	15-2
15.2.5	Seed Data.....	15-2
15.3	STOP ACCRUAL & STOP BILLING ENHANCEMENT	15-3
15.3.1	Overview.....	15-3
15.3.2	Description	15-3
15.3.3	Changes to 'Stop Accrual' transaction.....	15-3
15.3.4	Handling Different Scenarios	15-3
15.3.5	Changes to 'Start Accrual' transaction	15-4
15.3.6	Impact on Servicing	15-5
15.3.7	Impact on Conversion.....	15-5
15.3.8	Impact on Web services	15-6
15.3.9	Seed Data.....	15-6
15.4	METRO II N1 SEGMENT REPORTING CHANGES.....	15-7
15.4.1	Overview.....	15-7
15.4.2	Description	15-7
15.4.3	Seed Data.....	15-8
15.5	INCOMING PROCESS FILE - UI USABILITY CHANGES	15-9
15.5.1	Overview.....	15-9
15.5.2	Description	15-9
15.5.3	Seed Data.....	15-9
15.6	GET APPLICATION SEARCH – WEBSERVICE CHANGES	15-10
15.6.1	Overview.....	15-10
15.6.2	Description:	15-10
15.6.3	Seed Data.....	15-11
15.7	EXTENSION - STATEMENT GENERATION CHANGES	15-12
15.7.1	Overview.....	15-12
15.7.2	Description	15-12
15.7.3	Limitations and Open Issues.....	15-13
15.7.4	Seed Data.....	15-13
15.8	MISCELLANEOUS CHANGES.....	15-13
15.8.1	Environment Detail information in Home Screen.....	15-13
15.8.2	File Upload Changes.....	15-14
15.9	SEED DATA CHANGES FOR IMPACTED BUGS.....	15-14
15.10	PATCHES AND BUGS	15-15
16.	PATCH RELEASE 14.12.0.0.14.....	16-1
16.1	ENHANCEMENTS.....	16-1
16.2	PRE-REQUISITE	16-2
16.3	DELETE PROCESS FOR CONVERSION / MIGRATION ACCOUNTS.....	16-2
16.4	OVERVIEW.....	16-2
16.5	DESCRIPTION.....	16-2
16.6	SEED DATA.....	16-3
16.7	CLUSTERING OF PURGE BATCH JOBS.....	16-4
16.7.1	Overview.....	16-4
16.7.2	Description	16-4
16.7.3	Seed Data.....	16-9
16.8	'XREF' FOR REFERENCES TAB	16-12
16.8.1	Overview.....	16-12
16.8.2	Description	16-12
16.8.3	Seed Data.....	16-12
16.9	WEBSERVICES CHANGES	16-13
16.9.1	Overview.....	16-13
16.9.2	Description	16-13
16.9.3	Seed Data.....	16-14
16.10	UNMASK SSN IN WEBSERVICE RESPONSE.....	16-15
16.10.1	Overview.....	16-15

16.10.2	Description	16-15
16.10.3	Seed Data.....	16-15
16.11	DAILY ALERT LOG FILE.....	16-16
16.11.1	Overview.....	16-16
16.11.2	Description	16-16
16.11.3	Seed Data.....	16-17
16.12	SEED DATA CHANGES FOR IMPACTED BUGS.....	16-17
16.13	PATCHES AND BUGS	16-18
17.	PATCH RELEASE 14.12.0.0.15.....	17-1
17.1	ENHANCEMENTS.....	17-1
17.2	DSR (DATA SANITY REPORTS)	17-1
17.3	SEED DATA CHANGES FOR IMPACTED BUGS.....	17-1
17.4	PATCHES AND BUGS	17-2
18.	PATCH RELEASE 14.12.0.0.16.....	18-1
18.1	ENHANCEMENTS.....	18-1
18.2	SEED DATA CHANGES FOR IMPACTED BUGS.....	18-1
18.3	PATCHES AND BUGS	18-2
19.	PATCH RELEASE 14.12.0.0.17.....	19-1
19.1	ENHANCEMENTS.....	19-1
19.2	ASSET BILLING – CHANGE IN FORMULA METHOD	19-1
19.2.1	Overview.....	19-1
19.2.2	Description	19-1
19.2.3	Assumptions.....	19-2
19.2.4	Seed Data.....	19-2
19.3	ASSET BILLING - POINTS RELATED CHANGES	19-3
19.3.1	Overview.....	19-3
19.3.2	Description	19-3
19.3.3	Change Details	19-3
19.3.4	Impact on Conversion.....	19-4
19.4	AMOUNT PAID IN EXCESS CONSIDERATION FOR A CHANGE PAYMENT TRANSACTION	19-5
19.4.1	Overview.....	19-5
19.4.2	Description	19-5
19.4.3	Limitations	19-6
19.4.4	Seed Data.....	19-8
19.5	SECURITIZATION FILE UPLOAD/WS/UI - METRO II IMPACT	19-9
19.5.1	Overview.....	19-9
19.5.2	Description	19-9
19.5.3	Seed Data.....	19-9
19.6	ARCHIVAL BATCH JOB CHANGES	19-10
19.7	SEED DATA CHANGES FOR IMPACTED BUGS.....	19-11
19.8	PATCHES AND BUGS	19-13
20.	PATCH RELEASE 14.12.0.0.18.....	20-1
20.1	ENHANCEMENTS.....	20-1
20.2	TRADE/ ROLLOVER FUNCTIONALITY - ENHANCEMENTS.....	20-1
20.2.1	Overview.....	20-1
20.2.2	Description	20-1
20.2.3	Seed Data.....	20-3
20.3	EMAIL FIELD ADDED TO ‘DATA FILES’ (OUTPUT).....	20-5
20.3.1	Overview.....	20-5
20.3.2	Description	20-5
20.3.3	Change Details	20-5
20.3.4	Impact on Conversion.....	20-6
20.3.5	Seed Data.....	20-6
20.4	‘ASSET BILLING RATE’ FILE UPLOAD CHANGES	20-7

20.4.1	Overview	20-7
20.4.2	Description	20-7
20.4.3	Seed Data	20-7
20.5	GENERAL LEDGER - SETUP - EDIT FACILITY	20-8
20.5.1	Overview	20-8
20.5.2	Description	20-8
20.5.3	Assumptions	20-8
20.5.4	Seed Data	20-8
20.6	EXTENSION OVERRIDE TRANSACTION SUPPORT FOR PRE-COMPUTE LOANS	20-9
20.6.1	Overview	20-9
20.6.2	Description	20-9
20.6.3	Assumptions	20-9
20.6.4	Seed Data	20-9
20.7	EXPORT BUTTON IN 'COMMENTS' TAB	20-10
20.7.1	Overview	20-10
20.7.2	Description	20-10
20.7.3	Assumptions	20-10
20.7.4	Seed Data	20-10
20.8	SEED DATA CHANGES FOR IMPACTED BUGS	20-10
20.9	PATCHES AND BUGS	20-11
21.	PATCH RELEASE 14.12.0.0.19	21-1
21.1	ENHANCEMENTS	21-1
21.2	SEED DATA CHANGES FOR IMPACTED BUGS	21-1
21.3	PATCHES AND BUGS	21-2
22.	SECURITY FIXES	22-1
23.	LIMITATIONS AND OPEN ISSUES	23-1
24.	COMPONENTS OF THE SOFTWARE	24-1
24.1	DOCUMENTS ACCOMPANYING THE SOFTWARE	24-1
24.2	SOFTWARE COMPONENTS	24-1
25.	ANNEXURE – A: ENVIRONMENT DETAILS	25-1
26.	ANNEXURE – B: THIRD PARTY SOFTWARE DETAILS	26-1
27.	ANNEXURE – C: FORWARD PORTED ENHANCEMENTS AND FIXES	27-1
27.1	FORWARD PORTED ENHANCEMENTS TO 14.12.0.0.10	27-1
27.1.1	Forward Ported Enhancements from 14.10 PS12 Patch Release	27-1
27.1.2	Forward Ported Enhancements from 14.10 PS15 Patch Release	27-2
27.1.3	Forward Ported Enhancements from 14.10 PS16 Patch Release	27-2
27.1.4	Forward Ported Enhancements from 14.10 PS17 Patch Release	27-3
27.1.5	Forward Ported Enhancements from 14.10 PS18 Patch Release	27-3
27.1.6	Reschedule billing Cycle Txn - Additional Validations	27-3
27.1.7	Securitization Enhancement – Add Accounts to pool with specific statuses	27-4
27.1.8	Master Customer Statement - Consolidation Check	27-5
27.1.9	Auto allocation of Master Excess Amount	27-6
27.1.10	Field Access to Vacation Ownership tab	27-7
27.1.11	Reversal Transaction Support in Transaction Upload	27-8
27.1.12	Securitization File Upload Enhancement	27-10
27.1.13	Update Existing Customer/ Business Number in servicing	27-11
27.1.14	Payment Hierarchy: New Method - Total Delq Due Amt (INCL Current Due)	27-12
27.1.15	NSF on Master Account	27-13
27.1.16	New Pre Bill Days Maintenance Transaction	27-15
27.1.17	NSF on Master Account (Phase II)	27-17
27.1.18	Backdate Pre Bill Days Maintenance Transaction	27-19
27.1.19	Partial Credit Refund Enhancement	27-20
27.1.20	Index / Margin Rate Change Transaction	27-21

27.1.21	<i>New parameter to DDCHANGE/OVERRIDE TXN</i>	27-23
27.1.22	<i>Change frequency of Cycle Based Collection Late Fees and Cycle based Late fees</i>	27-24
27.1.23	<i>K2 SEGMENT INCLUDED IN METRO II</i>	27-28
27.2	FORWARD PORTED ISSUES/FIXES TO 14.12.0.0.10.....	27-35
27.2.1	<i>Forward Ported Issues/Fixes from 14.10 PS23 Patch Release</i>	27-35
27.2.2	<i>Forward Ported Issues/Fixes from 14.10 PS24 Patch Release</i>	27-36
27.2.3	<i>Forward Ported Issues/Fixes from 14.10 PS25 Patch Release</i>	27-36
27.2.4	<i>Forward Ported Issues/Fixes from 14.10 PS26 Patch Release</i>	27-37
27.2.5	<i>Forward Ported Issues/Fixes from 14.4 PS46 Patch Release</i>	27-37
27.2.6	<i>Forward Ported Issues/Fixes from 14.5 PS20 Patch Release</i>	27-38
27.2.7	<i>Forward Ported Issues/Fixes from 14.5 PS21 Patch Release</i>	27-38
27.2.8	<i>Forward Ported Issues/Fixes from 14.8 PS25 Patch Release</i>	27-38
27.2.9	<i>Forward Ported Issues/Fixes from 14.8 PS26 Patch Release</i>	27-40
27.2.10	<i>Forward Ported Issues/Fixes from 14.8 PS27 Patch Release.....</i>	27-40
27.2.11	<i>Forward Ported Issues/Fixes from 14.6 PS14 Patch Release.....</i>	27-41
27.3	FORWARD PORTED ENHANCEMENTS TO 14.12.0.0.11	27-42
27.3.1	<i>Forward Ported Enhancements from 14.5 PS20 Patch Release</i>	27-42
27.3.2	<i>Format Change – 1098c Report</i>	27-42
27.4	FORWARD PORTED ISSUES/FIXES TO 14.12.0.0.11.....	27-47
27.4.1	<i>Forward Ported Issues/Fixes from 14.4 PS46 Patch Release</i>	27-47
27.4.2	<i>Forward Ported Issues/Fixes from 14.5 PS20 Patch Release</i>	27-48
27.4.3	<i>Forward Ported Issues/Fixes from 14.6 PS15 Patch Release</i>	27-48
27.4.4	<i>Forward Ported Issues/Fixes from 14.8 PS25 Patch Release</i>	27-48
27.4.5	<i>Forward Ported Issues/Fixes from 14.8 PS24 Patch Release</i>	27-48
27.4.6	<i>Forward Ported Issues/Fixes from 14.10 PS15 Patch Release</i>	27-49
27.4.7	<i>Forward Ported Issues/Fixes from 14.10 PS16 Patch Release</i>	27-50
27.4.8	<i>Forward Ported Issues/Fixes from 14.10 PS17 Patch Release</i>	27-50
27.4.9	<i>Forward Ported Issues/Fixes from 14.10 PS18 Patch Release</i>	27-50
27.4.10	<i>Forward Ported Issues/Fixes from 14.10 PS20 Patch Release.....</i>	27-51
27.4.11	<i>Forward Ported Issues/Fixes from 14.10 PS21 Patch Release.....</i>	27-51
27.4.12	<i>Forward Ported Issues/Fixes from 14.10 PS22 Patch Release.....</i>	27-52
27.4.13	<i>Forward Ported Issues/Fixes from 14.8 PS21 Patch Release.....</i>	27-53
27.4.14	<i>Forward Ported Issues/Fixes from 14.6 PS13 Patch Release.....</i>	27-54
27.4.15	<i>Forward Ported Issues/Fixes from 14.5 PS19 Patch Release.....</i>	27-55
27.4.16	<i>Forward Ported Issues/Fixes from 14.10 PS12 Patch Release.....</i>	27-55
27.5	FORWARD PORTED ISSUES/FIXES TO 14.12.0.0.13.....	27-59
27.5.1	<i>Forward Ported Issues/Fixes from 14.10 PS23 Patch Release</i>	27-59
27.5.2	<i>Forward Ported Issues/Fixes from 14.8 PS24 Patch Release</i>	27-59
27.5.3	<i>Forward Ported Issues/Fixes from 14.10 PS14 Patch Release</i>	27-59
27.5.4	<i>Forward Ported Issues/Fixes from 14.8 PS21 Patch Release</i>	27-60
27.5.5	<i>Forward Ported Issues/Fixes from 14.10 PS12 Patch Release</i>	27-60
27.6	FORWARD PORTED ENHANCEMENTS TO 14.12.0.0.14	27-61
27.6.1	<i>Forward Ported Enhancements from 14.8 PS28 Patch Release.....</i>	27-61
27.6.2	<i>SCRA Status on Co-Borrower Or Co-Signer.....</i>	27-61
27.6.3	<i>'Excess Payment' Handling for Rent Factor Lease.....</i>	27-62
27.6.4	<i>Forward Ported Enhancements from 14.10 PS27 Patch Release.....</i>	27-63
27.6.5	<i>Non-Auto Rebate reporting Changes.....</i>	27-63
27.7	FORWARD PORTED ISSUES/FIXES TO 14.12.0.0.14.....	27-66
27.7.1	<i>Forward Ported Issues/Fixes from 14.10 PS25 Patch Release</i>	27-67
27.7.2	<i>Forward Ported Issues/Fixes from 14.8 PS29 Patch Release</i>	27-67
27.7.3	<i>Forward Ported Issues/Fixes from 14.5 PS19 Patch Release</i>	27-68
27.7.4	<i>Forward Ported Issues/Fixes from 14.4 PS46 Patch Release</i>	27-68
27.7.5	<i>Forward Ported Issues/Fixes from 14.8 PS21 Patch Release</i>	27-69
27.7.6	<i>Forward Ported Issues/Fixes from 14.10 PS12 Patch Release</i>	27-69
27.7.7	<i>Forward Ported Issues/Fixes from 14.6 PS16 Patch Release</i>	27-70
27.7.8	<i>Forward Ported Issues/Fixes from 14.8 PS28 Patch Release</i>	27-70
27.7.9	<i>Forward Ported Issues/Fixes from 14.10 PS27 Patch Release</i>	27-71
27.8	FORWARD PORTED ISSUES/FIXES TO 14.12.0.0.15.....	27-74

27.8.1	<i>Forward Ported Issues/Fixes from 14.8 PS30 Patch Release</i>	27-74
27.8.2	<i>Forward Ported Issues/Fixes from 14.6 PS17 Patch Release</i>	27-76
27.8.3	<i>Forward Ported Issues/Fixes from 14.5 PS22 Patch Release</i>	27-76
27.9	FORWARD PORTED ISSUES/FIXES TO 14.12.0.0.16	27-77
27.9.1	<i>Forward Ported Issues/Fixes from 14.10 PS28 Patch Release</i>	27-77
27.10	FORWARD PORTED ISSUES/FIXES TO 14.12.0.0.18	27-78
27.10.1	<i>Forward Ported Issues/Fixes from 14.8 PS31 Patch Release</i>	27-78

1. Revision History

Patch #	Release Date	Description
14.12.0.0.1	May 2022	This patch release consists of 11 enhancements along with 47 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.1 ' section for details.
14.12.0.0.2	June 2022	This patch release consists of 4 enhancements along with 36 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.2 ' section for details.
14.12.0.0.3	August 2022	This patch release consists of 12 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.3 ' section for details.
14.12.0.0.4	October 2022	This patch release consists of 19 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.4 ' section for details.
14.12.0.0.5	December 2022	This patch release consists of three enhancements on Stub / Broken Period Billing, Evergreen Lease and Web Service Enhancements along with 8 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.5 ' section for details.
14.12.0.0.6	February 2023	This patch release consists of four enhancements on New Payment Method in 'Evergreen' Lease, Revenue Projections – TAM, New Scoring Parameters (character type) and New Web Services along with 144 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.6 ' section for details.
14.12.0.0.7	March 2023 <i>Revision 1: Apr 26th Moved bug 35133578 to PS 8.</i>	This patch release consists of five enhancements along with 14 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.7 ' section for details.
14.12.0.0.8	April 2023 <i>Revision 1: Apr 26th Moved bug 35133578 from PS7 to PS8 since the bug was re-released with additional fix to handle exception.</i>	This patch release consists of two enhancements along with 14 bugs (including 3 forwards ported bugs from previous release) addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.8 ' section for details.
14.12.0.0.9	June 2023	This patch release consists of nine enhancements along with 43 bugs (15 new, 5 re-released bugs and 23 forward ported bugs from 14.10.0.0.23 to 26, 14.8.0.0.25 to 27, 14.6.0.0.15, and 14.4.0.0.46 are addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.9 ' section for details.

Patch #	Release Date	Description
14.12.0.0.10	July 2023	This patch release consists of 22 enhancements (4 new and 18 forward Ported enhancements from 14.10 PS12-18 release) along with 45 bugs (12 new and 33 forward ported bugs from 14.10 PS23-26, 14.4 PS46, 14.5 PS20-21, 14.8 PS25-27, and 14.6 PS14) are addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.10 ' section for details.
14.12.0.0.11	August 2023 <i>Revision 1 - Re-uploaded on September 1st with additional bug 35668586</i>	This patch release consists of 7 enhancements along with 46 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.11 ' section for details. Also additional 55 forward ported bugs are added from previous release. Refer to ' Forward Ported Issues/Fixes to 14.12.0.0.11 ' section for details.
14.12.0.0.12	September 2023	This patch release consists of 5 enhancements along with 16 bugs addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.12 ' section for details.
14.12.0.0.13	November 2023	This patch release consists of 7 enhancements along with 33 bugs and 6 forward ported issues addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.13 ' section for details.
14.12.0.0.14	December 2023 <i>Revision 1 – Re-uploaded on 30 January adding 3 additional fixes – 36214731, 36207762 & 36183668.</i> <i>Revision 2 – Removed a data fix related bug 35652807 from the list.</i>	This patch release consists of 6 enhancements along with 28 bugs and 39 forward ported issues + enhancements addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.14 ' section for details.
14.12.0.0.15	February 2024	This patch release consists of 21 bugs and 12 forward ported issues addressed as part of this patch release along with updates to Data Sanity Reports. Refer ' Patch Release 14.12.0.0.15 ' section for details.
14.12.0.0.16	March 2024	This patch release consists of 4 bugs and 5 forward ported issues addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.16 ' section for details.
14.12.0.0.17	May 2024	This patch release consists of 5 enhancements and 34 issues addressed as part of this patch release. Refer ' Patch Release 14.12.0.0.17 ' section for details.

Patch #	Release Date	Description
14.12.0.0.18	July 2024 <i>Revision 1</i> – Added a note in 9 th point for ‘20.2 Trade/Rollover Functionality – Enhancements’ as per fix for issue 36880803. – Updated fix description for bug 35952018.	This patch release consists of 6 enhancements and 28 bug and 15 forward ported issues addressed as part of this patch release. Refer ‘ Patch Release 14.12.0.0.18 ’ section for details.
14.12.0.0.19	August 2024	This patch release consists of 15 issues addressed as part of this patch release. Refer ‘ Patch Release 14.12.0.0.19 ’ 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.

3. Patch Release 14.12.0.0.1

3.1 Enhancements

Ref No.	Enhancement	Description
NA	Lease – Amortized Method of Calculation	Support 'Amortized Lease Schedule method and Rent Collection Method.
NA	New Amortization Method (Every Month End)	Support for Lease amortization (accounting of accrued interest) on a monthly basis, irrespective of the billing cycle of the account.
NA	External System Data Processing	OFSLL is enhanced to generate an outbound file with the necessary data for these external systems.
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
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

3.2 Lease – Amortized Method of Calculation

3.2.1 Overview

As part of this patch, some of the known and identified issues are fixed in calculator of 'Amortized' Lease method are handled.

- Support 'Amortized Lease Schedule method including handling impact in the modules like Setup, Origination and Servicing including calculators + Account On boarding service.
- Support Rent Collection Method = Advance & Arrears

3.2.2 Description

Servicing Changes:

New **non-monetary** transaction > **Lease Contract Maintenance** is introduced with the following parameters to change the preference of 'Lease Recovery Type'.

- Txn Date
- Lease change recovery type with default value as 'Proportionate'
- Comments

Validations:

- Transaction allowed to post only on 'Active' accounts.
- On successful posting of transaction, system shows the Actual value and Revised Value in the Result Screen.
- In case of any validation failure, system shows the error 'Transaction cannot be posted with reason'.

3.2.3 Seed Data

NA

3.3 New Amortization Method (Every Month End)

3.3.1 Overview

In specific regions, the Lease amortization (accounting of accrued interest) is calculated on a monthly basis, irrespective of the billing cycle of the account, using **Scheduled Based amounts**.

For example, Billing Cycle > Statement to the customer could be issued Quarterly, but the accrued interest handover of GL happens monthly.

3.3.2 Description

Batch Job Changes

When the system executes the 'SET-TAM TAMPRC_BJ_100_01 (AMORTIZATION TRANSACTIONS PROCESSING) batch, and if Amortize Balance Type = **Rent** + Amortization Method = **Scheduled Based (Month End)** + Int Amortization Freq = **EVERY MONTH END**, then the behavior as follows:

- If the account is created during the month, system calculates the amortization until month-end.
- Amortization will happen for the whole month, on month end date from the subsequent months.
 - If the bill is generated during the month, system amortizes the interest to create an amortization entry.
- The revenue is consistently recognized monthly regardless of the payment frequency.
- The revenue calculation is based on the 'Base method' like 30/360 etc., (Existing behavior).
- In amortization derivation, system uses the Amortization Rate value.
- In this patch, system supports all accrual methods available under ACCRUAL_BASE_METHOD_CD.
- In addition, system supports amortization even for Advance and Arrears.

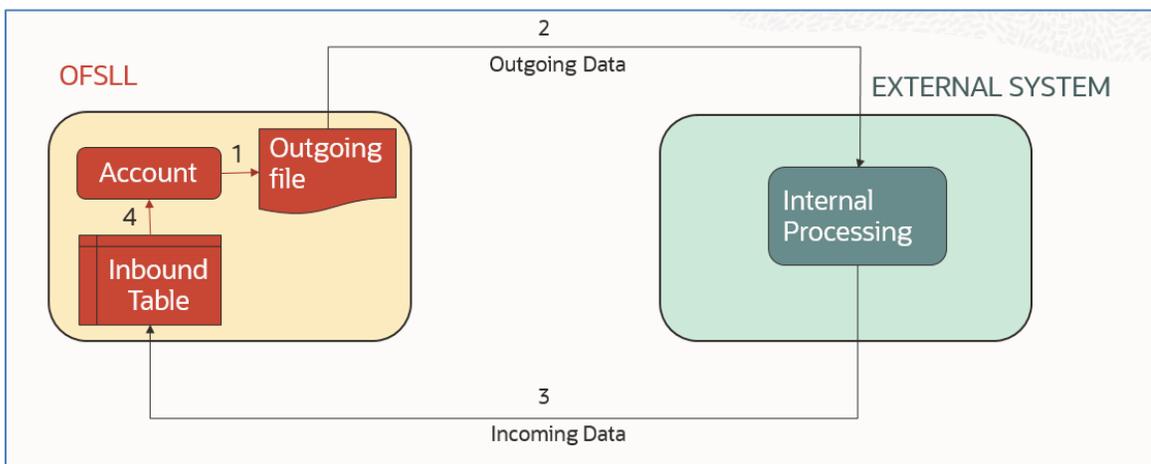
3.3.3 Seed Data

NA

3.4 External System Data Processing

3.4.1 Overview

- Many external systems use OFSLL data for their processing. Hence, system should be enhanced to generate an outbound file with the necessary data for these external systems.
- Once the external system processes OFSLL data, OFSLL system receives multiple actions [like Call Activity, Transaction Posting, Update User Defined Fields & post Comments] data from any external system and should perform the same on OFSLL.
- A list of Actions has supported in this release
 - Account Transaction Posting
 - Account Call Activity Posting



3.4.2 Description

Batch Job changes

- Introduced a new batch jobs oacprc_bj_100_01 and oacprc_bj_100_02 under SET-ODD2.
 - User need to run the oacprc_bj_100_01 batch then oacprc_bj_100_02
 - Provided a Data File definition under Setup > Data Files > Output
 - Once the User runs the batch jobs, system generates the output file in the output folder based on the Setup.
 - Users can control the accounts that need to be shared with an external system using the below lookups
 - **OAC_ACC_STATUS_CD – set of account statuses maintained in this lookup will be picked up for file generation**
 - **OAC_ACC_CONDITION_CD – set of account conditions maintained in this lookup will be picked up for file generation**
 - During the batch execution, system checks the Account Status & Conditions set maintained in the above two lookups; those will be part of the output file.
 - The sample output file provided below



account_details_gene
ration_DATA_File_seer

- Introduced a new batch IRTPRC_BJ_100_01 - INCOMING FILE PROCESSING under the new job set SET-RTP → REAL-TIME PROCESSING
 - Once the data is loaded in the **inbound_requests** and **inbound_request_details** Table with the status 'R', the above batch job reads the data and process it according to the action, then change the status to 'P' or 'F'.
 - If there are any issues with the data (data type, business validations, access issues), the User can see the errors in job results.
 - Populating the data into these Tables are using scripts. A sample script is provided below



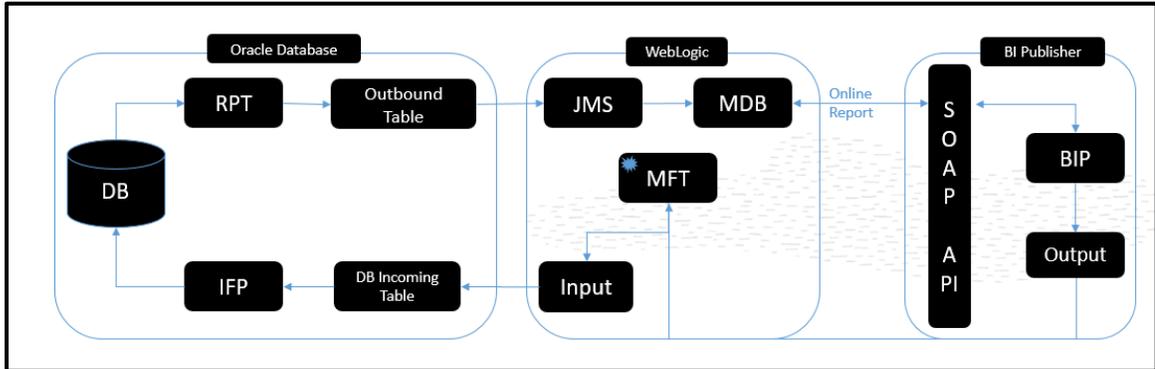
RTP_testing_scripts -
Txn Posting Call Activi

Note: There is no input file provided in this release to load the data into **inbound_requests** and **inbound_request_details** Tables

3.5 BIP Reports Writing to Input File Processing

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

3.5.1 Existing Architecture



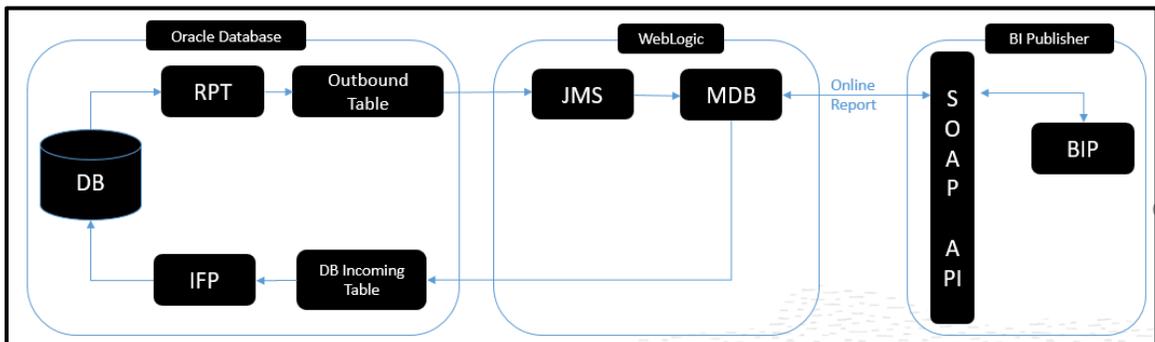
To support customization, OFSLL users need to know below workflow:

- **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.

3.5.1.1 Sample Command with MFT Flow

```
MODULE=" <report name>ocsutd_em_100_01" DESTYPE=" File " DESNAME=archive
COPIES="1" DESFORMAT=text P_COMPANY="$COMPANY_CODE"
DESPATH=/scratch/bip
```

3.5.2 Enhanced Architecture



3.5.2.1 Solution

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

3.5.2.2 Sample Command without MFT

```
MODULE="<report name>ocsutd_em_100_01" DESTYPE="DB"
INPUT_FILE_TYPE="ITU" DESFORMAT=text P_COMPANY="$COMPANY_CODE"
```

**Highlighted are command changes

Job Command	Description
-------------	-------------

<p>Sample Job Command</p> <pre>MODULE=<report name>WUYNocsutd_em_100_01" DESTYPE="DB" INPUT_FILE_TYPE="ITU" DESFORMAT=text P_COMPANY="\$COMPANY_CODE"</pre>	<p>1)DESTYPE="DB" will delegate the report content to INCOMING_PROCESS_FILE table.</p> <p>2)INPUT_FILE_TYPE="ITU" is look up type value and will be inserted to IPF_TYPE_CD in INCOMING_PROCESS_FILE table</p> <p>3) DESFORMAT should be text or csv</p>
--	--

3.5.3 **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.

3.5.4 **Reference**

<https://docs.oracle.com/middleware/12213/bip/BIPDV/reportservice.htm#BIPDV341>

3.6 **Re-design of OFSLL Events framework**

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

3.6.1 **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 enqueueing 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_Entities 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:

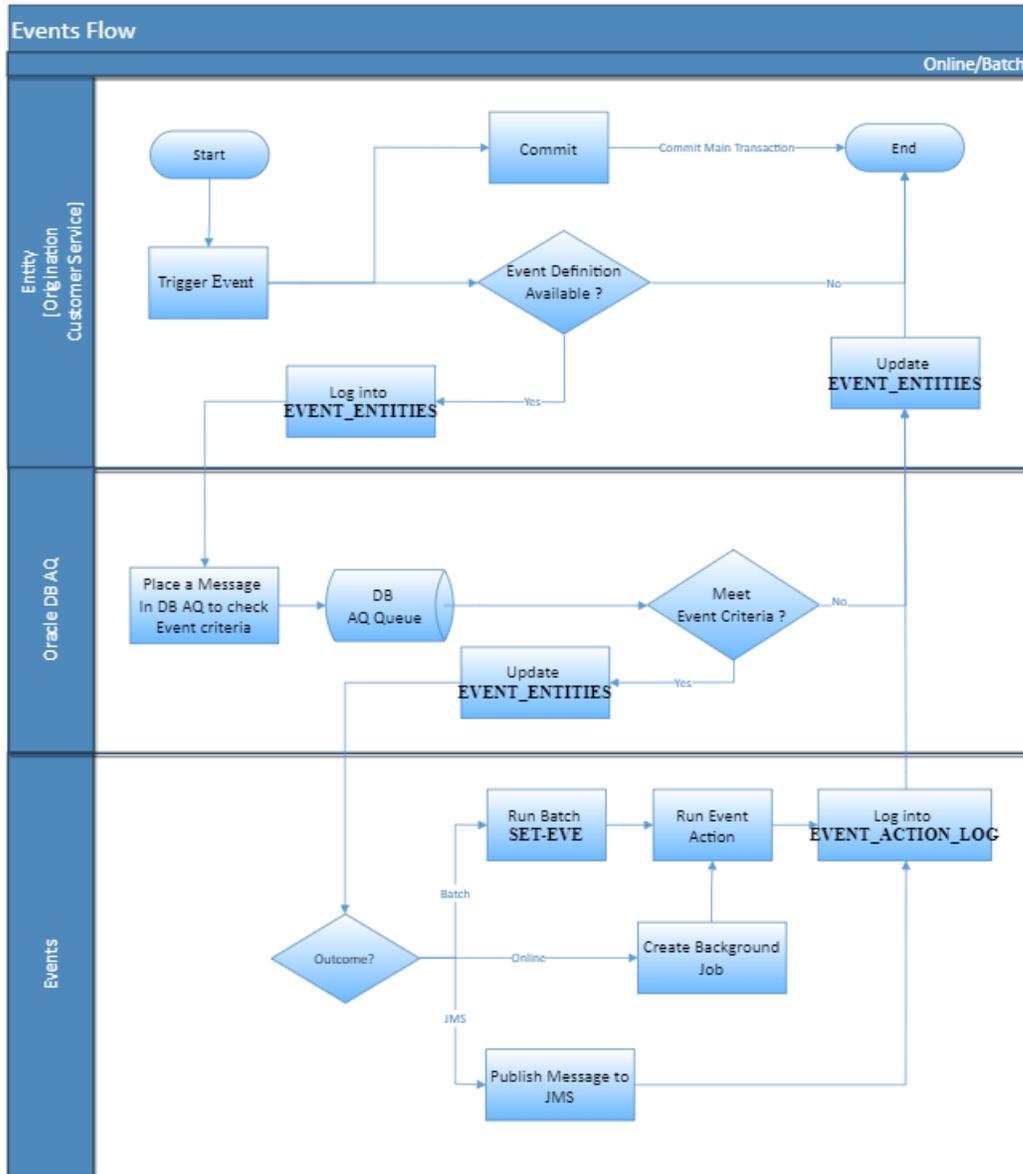
- Company
- Entity Nbr
- Event Code
- Status
- Creation Dt

3.6.2 Units Updated Changes

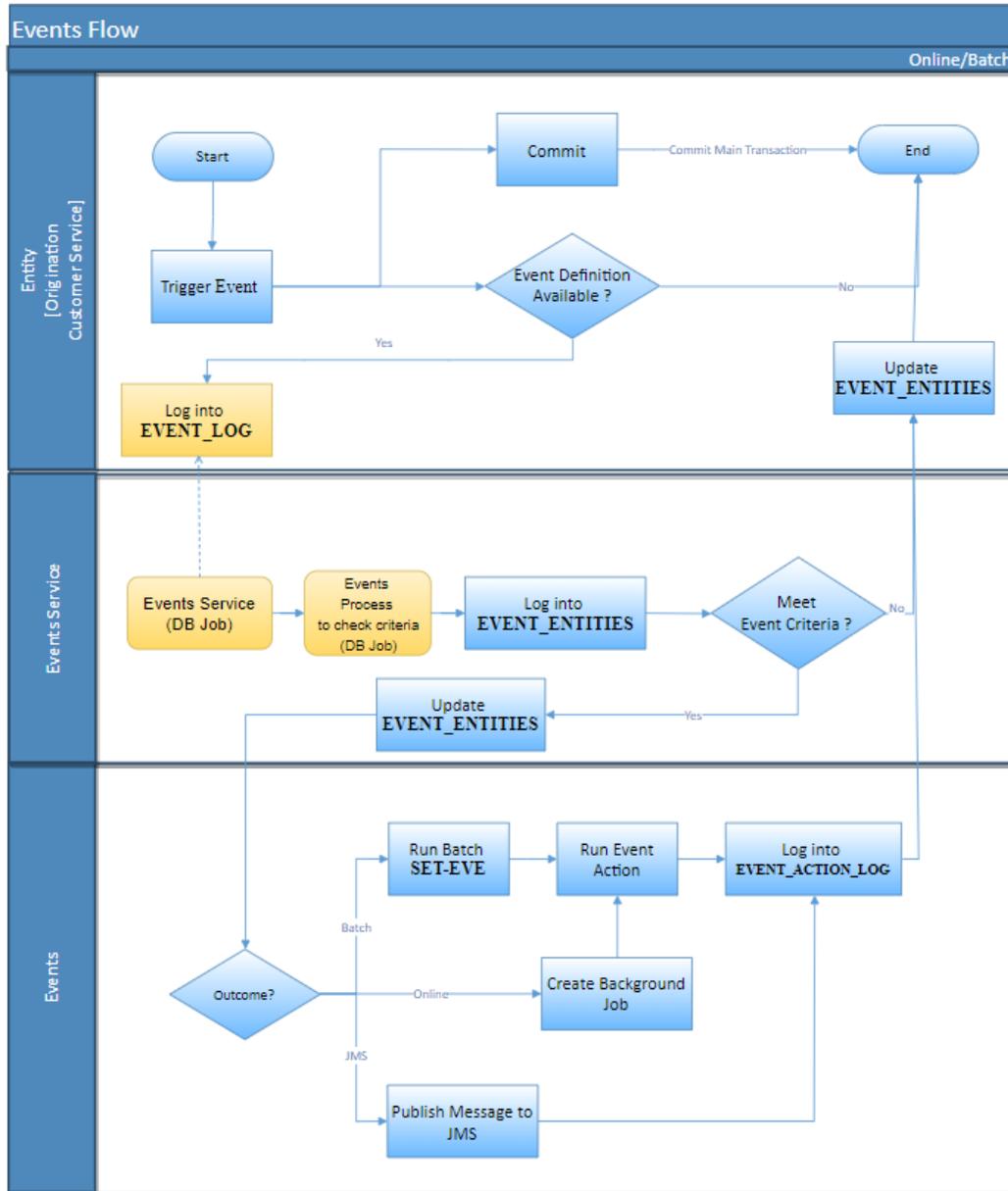
- Tables : events_log, event_entities, event_action_log, system_parameters, lookup
- Indexes : evg_udx01, evg_idx01, evl_idx01
- Views : evg_bvw, eve_evg_evw, uut_evg_jvw, esv_axn_evw, evi_bvw, eve_evi_bvw, uut_evi_jvw, uut_ser_jvw, evl_bvw, eve_evl_evw,
- uev_evl_fvw, eva_tnm_temp_evw, uut_evi_jvw
- 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

3.6.3 Events Flow Diagram

3.6.3.1 Existing Flow



3.6.3.2 Enhanced Flow



3.6.4 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
3	Lookup	EVENTS_LOG_STATUS_CD SUBMITTED 2 SUBMITTED N Y	INSERT
4	Lookup	EVENTS_LOG_STATUS_CD RUNNING 3 RUNNING N Y	INSERT

SI	TABLE	KEY	DATA TYPE
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

3.7 Asset points Formula Parameter Enhancement

3.7.1 Overview

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

3.7.2 Description

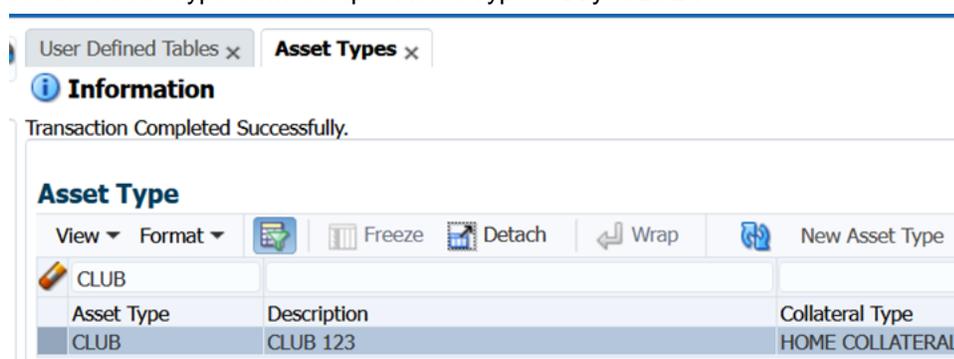
You can configure a new account formula parameter based on the 'Asset Type' to calculate Total Asset points at Master or Associated Account with the following calculation logic:

- 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.

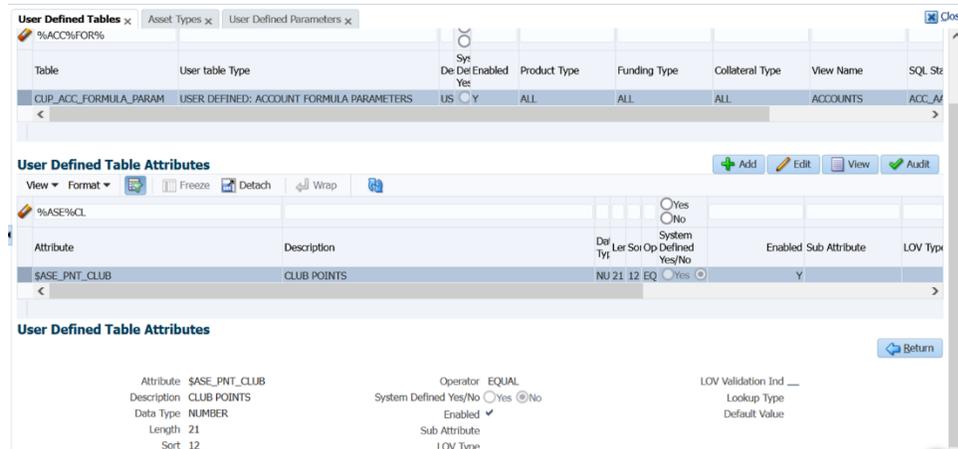
Example:

- 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.

3.8 **OracleFSLLBureauAPI issue (Bug 33885338)**

Reported for SR: 3-28576566031

3.8.1 **Issue**

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

3.8.2 **Fix Description**

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

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

1. Edit OracleFSLLBureauAPI.war\WEB-INF\web.xml (via 7-zip -> open archive or any other tools/method)
2. Modify the below content in web.xml file and save the changes.

Before Modification	After Modification
<pre> <!--<context-param> <description>This parameter will decide the jersey filter to be loaded</description> <param- name>OAUTH_AND_BASIC_ENABLED</ param- name> <param-value>Y</param-value> </context-param> --> </pre>	<pre> (Should be uncommented) <context-param> <description>This parameter will decide the jersey filter to be loaded</description> <param- name>OAUTH_AND_BASIC_ENABLED</para m- name> <param-value>Y</param-value> </context-param> </pre>

<pre><auth-constraint> <role-name>valid-users</role-name> </auth-constraint></pre>	<pre>(Should be commented) <!--<auth-constraint> <role-name>valid-users</role-name> </auth-constraint--></pre>
--	---

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

Attribute	Type	Value
OfsslJMSQueueJNDI	Generic	jms/OfsslJMSQueue
IDCS_TOKEN_SCOPE	Generic	/ofsslcs
OfsslJMSQueueCF	Generic	OfsslJMSCF
IDCS_ENABLED	Generic	Y
IDCS_TOKEN_AUDIENCE	Generic	https://[redacted].oracleindustry.com
IDCS_TOKEN_TENANT_NAME	Generic	idcs-8cdbaf2c52cc43f1-[redacted]
OfsslJMSServerURL	Generic	OfsslJMSServerURL
IDCS_TOKEN_ISSUER	Generic	https://identity.oraclecloud.com/

Configure IDCS attributes for OFSSL REST API Authentication

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

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

3.9 Update Existing Customer/ Business Number in servicing

3.9.1 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.

3.9.2 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

The screenshot displays the Oracle Financial Services Customer Service interface. At the top, it shows the account details for 'Account(s): 20210100010108: TEST NAVEEN'. Below this, there is a table with columns for Company, Branch, Sub Unit, Account #, Master Account #, Sales Order Number, Master Account, Product, Billing Cycle, Purpose, Days Past Due, Currency, Pay Off Amt, Amount Due, Status, Oldest Due Dt, and DLQ Reason. The table contains one row with the following data: Company: NL32, Branch: NLHQ, Sub Unit: UNDEFINED, Account #: 20210100010108, Master Account #: UNDEFINED, Sales Order Number: 994635405, Master Account: N, Product: NAVEEN VEHICLE, Billing Cycle: MONTHLY, Purpose: VEHICLE LOAN O., Days Past Due: 230, Currency: EUR, Pay Off Amt: 41,394.64, Amount Due: 14,985.25, Status: ACTIVE/DLQ, Oldest Due Dt: 02/01/2021, DLQ Reason: 1ST PAYME.

Below the table, there are several tabs: Summary, Collections, Customer Service, Account Details, Customer Details, Customer Preferences, Transaction History, Print Modes, Bankrupts, Repo/Foreclosure, Deficiency, Collateral, Bureau, Timeline, Cross/Up Sell Activities, and External Interfaces. The 'Customer Details' tab is selected, showing 'Customer Information'.

The 'Customer Information' section includes a table with columns for Customer #, Relation, ECGA, Name, SSN, Birth Dt, Customer Deceased Date, Marital Status, Enabled, Language, Education, Mother's Maiden Name, Class Type, Category, Email, and Stop Correspondence. The table contains one row with the following data: Customer #: 000001010, Relation: PRIMARY, ECGA: INDIVIDUAL, Name: NAVEEN DL TEST, SSN: 99-999-9999, Birth Dt: 01/01/1999, Customer Deceased Date: UNDEFINED, Marital Status: UNDEFINED, Enabled: Y, Language: ENGLISH, Education: N/A, Mother's Maiden Name: N/A, Class Type: NORMAL, Category: INDIVIDUAL, Email: N/A, Stop Correspondence: Y.

Below the table, there are several sections for 'Customer Information' including fields for Customer #, Relation, ECGA, Name, SSN, Birth Dt, Marital Status, Enabled, Language, Education, Mother's Maiden Name, Class Type, Category, Email, Stop Correspondence, and a 'Return' button.

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.
- 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.

3.9.3 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 CHECKCRITERIAISIN ERRORSTATUSHENCECANNOTUPDATETHEP ARAMETERSDEFINITIONENABLEINDICATORAS YES SYS MSG-SE	INSERT
14	TRANSLATION_DATA	SYS SYS SYS TNM 001856 BUSINESSUPDATED SUCCESSFULLYFROMOLDBUSINESSNUMBER: ~BUS_OLD_NBR~TONEWBUSINESSNUMBER:~ BUS_NBR~ SYS MSG-SM	INSERT
15	TRANSLATION_DATA	SYS SYS SYS TNM 001845 CUSTOMERUPDATE DSUCCESSFULLYFROMOLDCUSTOMERNU MBER:~CUS_OLD_NBR~TONEWCUSTOMERNU MBER:~CUS_NBR~ SYS MSG-SM	INSERT
16	TRANSLATION_DATA	SYS SYS SYS TNM 002289 NEWBUSINESSNUM BERALREADYEXISTS SYS MSG-SE	INSERT
17	TRANSLATION_DATA	SYS SYS SYS TNM 002290 OLDBUSINESSNUM BERPROVIDEDDOESNOTEXISTS SYS MSG-SE	INSERT
18	TRANSLATION_DATA	SYS SYS SYS TNM 002291 NEWCUSTOMERNU MBERALREADYEXISTS SYS MSG-SE	INSERT
19	TRANSLATION_DATA	SYS SYS SYS TNM 002292 OLDCUSTOMERNU MBERPROVIDEDDOESNOTEXISTS SYS MSG- SE	INSERT

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

3.10.1 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

3.10.2 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 $[\text{SINGLE ACCOUNT TOTAL DUE AMOUNT RATIO (INCLUDING CURRENT DUE)} * \text{PAYMENT AMT}] / \text{ALL ACCOUNTS TOTAL DUE AMOUNT RATIO (INCLUDING CURRENT DUE)}$
 - 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

	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

3.10.3 Seed Data

SNO	Table	Key Data	Type
1	LOOKUPS	PMT_HIERARCHY_TYPE_CD DUE_RATIO_CUR_DUE	INSERT

3.11 NSF on Master Account

3.11.1 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.

3.11.2 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.

The screenshot displays the 'Payments Maintenance' window. At the top, there are search parameters for Account #, Start Dt, End Dt, and Reference #. Below this, the 'NSF Fee Account #' dropdown is expanded, showing three options: 'WYN_ASSOCIATED1_210', 'WYN_ASSOCIATED2_210', and 'WYN_MASTER_210'. The 'WYN_MASTER_210' option is highlighted with a red box. Below the dropdown, a table lists payment details:

Multi Account	Payment Id	Account #	Title	Account Status	Pmt Dt	Currency	Pmt Amt	Status	Reference	Reason
✓	72757		NO ACCOUNT	WYN_ASSOCIATED1_210	05/02/2020	US DOLLAR	5,000.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	72752		NO ACCOUNT	WYN_ASSOCIATED2_210	05/02/2020	US DOLLAR	5,000.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	72740		NO ACCOUNT	WYN_MASTER_210	05/02/2020	US DOLLAR	5,000.00	POSTED	PAYMENT	REGULAR PAYMENT

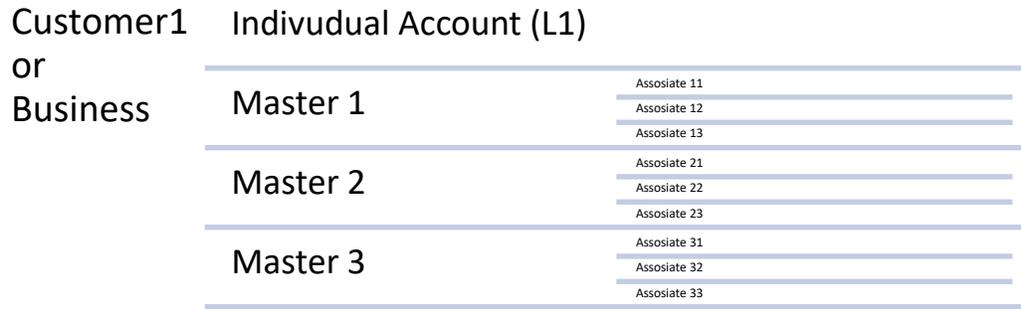
Below the payment table, there is a 'Payment Txns' section with a table showing transaction details:

Account #	Title	Currency	Amount	Status	Spread	Reason	Error Reason
WYN_ASSOCIATED1_210	LIU SHEO	US DOLLAR	2,500.00	POSTED	ACTIVE SPREAD	REGULAR PAYMENT	
WYN_ASSOCIATED2_210	LIU SHEO	US DOLLAR	2,500.00	POSTED	ACTIVE SPREAD	REGULAR PAYMENT	

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'.
- 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:



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

Account Payment WS

- Introduced new field element as 'NsfFeeOnMaster' - it's 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 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

3.11.3 Seed Data

NA

3.12 New Pre Bill Days Maintenance Transaction

3.12.1 Overview

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

3.12.2 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	GL
Pre Bill Days Change	PBDCHANGE	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".

Parameter Code	Description	Field Validation and Comments
PROCESS MASTER ASSOCIATED ACCOUNTS	Indicates whether to process master account and associated accounts.	<p>If Yes =</p> <p>Pre Bill Days Maintenance transaction will be posted on Master and associated accounts.</p> <p>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).</p> <p>If No =</p> <p>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.</p> <p>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.</p> <p>If the current Account is master and Statement Consolidation flag = Y, system show an error message and will not allow to post the transaction.</p> <p>If the current Account is Master Account and Statement Consolidation flag = N, the system will allow to post this transaction.</p> <p>If the current Account is not link to any master account, the system will allow to post this transaction.</p>
PROCESS STATEMENT CONSOLIDATED ACCOUNTS	Indicates to process Accounts having Statement Consolidation flag (Y/N)	<p>If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is N, then system will validate all accounts based on other txn parameter values.</p> <p>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.</p> <p>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.</p>

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

4. Posting **ACC_CRB_PMT_RAT_MAINT** non-monetary transaction
5. Lease\Line\Loan **Billing Batch**
6. Lease \Line\Loan **Extension** monetary transaction
7. Lease\Line\Loan **Mock statement Batch Job**
8. Lease\Line\Loan **Rescheduling** monetary transaction(s)
9. Loan **Payoff Quote** (monetary transaction and batch job)
10. **Interest calculation** (batch job)
11. Compute Rate Run dt next (monetary transaction related)
12. **Account on boarding WS** - (Single) – system will populate the CUR filed also with value set at contract level
13. **Conversion** – system provided a new place holder in .dat files

3.12.3 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_A CC_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

3.13 Patches and Bugs

Bug Id	Bug Description	Fix Description
34058117	SR: 3-29212932161 There is an entry appearing in "AP Transactions" screen for account created in pending status which is not the required behaviour.	On creating an account with pending status, system posts one record in AP Transaction screen. Fix has been provided such that after creating an account with pending condition, system does not post the record in AP transaction screen until account gets activated.
33726523	SR: 3-28190868941 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 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 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 Cycle based collection late fee should not be posted twice within the same day. Since the minimum frequency is weekly not daily. 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 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.

Bug Id	Bug Description	Fix Description
33650790	SR: 3-27941709761 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 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 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. 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, 1) Added condition to post only PMF 2) Added new calculation method for PMF calculation in percentile method. PMF related changes are working as expected
33766773	SR: 3-28306058681 "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 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 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.

Bug Id	Bug Description	Fix Description
33332937	<p>SR: 3-27092477000</p> <p>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</p> <p>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.</p>	<p>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.</p>
33833512	<p>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</p>	<p>Fix has been provided with below changes:</p> <ol style="list-style-type: none"> 1. Created Index for txn_group_id column. 2. Removed txn_aad_id <> iv_acc_rec.acc_aad_id; and compared inside the loop. <p>Now that Master excess allocation functionality with reversal of master excess payment is working fine.</p>
33513446	<p>SR: 3-27514917291</p> <p>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</p>	<p>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.</p>
33910387	<p>SR: 3-28723703891</p> <p>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.</p>	<p>Fix has been provided with code changes to resolve the issue and not to modify the backdated date on target account.</p>
33830120	<p>SR: 3-28490299271</p> <p>System displays an error while posting reschedule billing cycle transaction from associated account.</p>	<p>Fix has been provided such that the Reschedule Bill Cycle transaction is posted successfully.</p>

Bug Id	Bug Description	Fix Description
33860243	SR: 3-28609902536 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 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 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).
33938787	During Mock Statement Batch Job Run, identified that the Batch Job cursor Query is executing slow.	Following Indexes are created. <ul style="list-style-type: none"> 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. 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 RFR new code changes deployment into UAT through PE team.	Fix has been provided such that, rptfr_em_100_01 code changes without distinct deployment into UAT through PE team for the performance improvement.

Bug Id	Bug Description	Fix Description						
33923200	Parallel Processing configuration update, Exception handling & validation, Other improvements.	<p>Fix has been provided such that, The following system parameters needs to be configured.</p> <table border="1" data-bbox="938 331 1438 583"> <thead> <tr> <th data-bbox="938 331 1312 394">Parameter</th> <th data-bbox="1312 331 1438 394">Value</th> </tr> </thead> <tbody> <tr> <td data-bbox="938 394 1312 489">OUTBOUND_POLLER_NO_OF_RECORDS</td> <td data-bbox="1312 394 1438 489">10</td> </tr> <tr> <td data-bbox="938 489 1312 583">OUTBOUND_POLLER_TIME_INTERVAL</td> <td data-bbox="1312 489 1438 583">30 sec</td> </tr> </tbody> </table>	Parameter	Value	OUTBOUND_POLLER_NO_OF_RECORDS	10	OUTBOUND_POLLER_TIME_INTERVAL	30 sec
Parameter	Value							
OUTBOUND_POLLER_NO_OF_RECORDS	10							
OUTBOUND_POLLER_TIME_INTERVAL	30 sec							
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	<p>Fix has been provided such that, following modified job command will call the process of writing report in to the INCOMING_PROCESS_FILE table.</p> <p>Refer to BIP Reports Writing to Input File Processing section for more details.</p>						
33903840	<p>SR: 3-28752314151</p> <p>All the DB should contain unique index on ID columns.</p>	<p>Fix has been provided such that, following tables are added with Unique Indexes on the standard ID Columns.</p> <ol style="list-style-type: none"> 1. ACCOUNT_BANKRUPTCY_HISTORY 2. ACCOUNT_PAYMENT_RATING_TXNS 3. OUTBOUND_MESSAGES 4. FEES 5. INPUT_FILE_DEFINITIONS 6. INPUT_FILE_RECORD_DETAILS 						
33885338	<p>SR: 3-28576566031</p> <p>OracleFSLLBureauAPI is unable to validate the IDCS token and displays 401-Unauthorized error.</p>	<p>Fix has been provided with code change to validate the IDCS token.</p> <p>Refer OracleFSLLBureauAPI issue (Bug 33885338) section for more details.</p>						
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.	<p>Fix has been provided such that,</p> <ol style="list-style-type: none"> 1. If there is an error in Selection Criteria (SQL), then system will not allow to enable User Defined parameter. 2. Once User Defined parameter enabled then system will not allow to add or edit Selection Criteria. 3. If user want to add or edit Selection Criteria, then set User Defined parameter enabled indicator to 'N'. 						

Bug Id	Bug Description	Fix Description
33897365	SR: 3-28732053401 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 Securitization reports converted into packages code for performance improvement deploying through PE team. SET-QRT is modified not to run during EOD.	Fix has been provided such that, Securitization reports converted into packages for performance improvement. 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 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 OFSLL UAT - Trade Transaction Failure - "Error in: txntrd_en_100_01.post_trd" 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 RFR report is running longer than expected.	Fix has been provided such that, securitization reports converted into packages code for performance improvement.
33732704	SR: 3-28820385401 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. 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. 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.

Bug Id	Bug Description	Fix Description
33884119	SR: 3-28689979261 The below edits will work only on particular condition. XVL_ACC_DUE_AMT_PD_2_ABL_PD XVL_DUE_DAY_CUR XVL_ACC_MEMO_PMT	Fix has been provided such that, XVL_ACC_DUE_AMT_PD_2_ABL_PD -- Disable the Edit for line accounts XVL_ACC_MEMO_PMT disable this edit. XVL_DUE_DAY_CUR - code fix has been provided to support the matured account migration.
33575228	SR: 3-27707277151 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 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 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. Code has been modified to set ACC_LOCK_ACCOUNT Indicator to N while master account is processed to resolve the issue.
33868523	SR: 3-28637410527 While posting the transaction (ADD_NEW_ACCOUNT_BALANCE) through bulk upload this error is coming. Error ORA-00904: "TNM_ABL_TXN_TYPE_CD":	Fix has been provided such that, new balance posted to the account.
33881147	SR: 3-28681945281 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 all Payment posting web services (Account payment, Customer payment & Business payment) as 'Group Sub Type Code should be WEB Only'.
33919559	SR: 3-28799509291 Metro II file is not fetching expected data	Fix has been provided such that, data populated for active accounts that are billed.

Bug Id	Bug Description	Fix Description
33905612	SR: 3-28770115211 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 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.
34021100	SR: 3-29071261771 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.
33920104	SR: 3-28798111071 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'.
33270296	SR: 3-26808663431 Facing issue when "trade" transaction is posted as part of AOB request or posted manually from UI. 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. 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.

Bug Id	Bug Description	Fix Description
33925353	SR: 3-28809719481 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'.
34001608	SR: 3-29035095001 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.
34123220	SR: 3-29397401781 User should be able to "void" the account in "pending" status by posting "rescission acc txn"	Fix has been provided with package level changes to Skip the txn_tcd_code with Manual flag as N to do reversal.

4. Patch Release 14.12.0.0.2

4.1 Enhancements

Ref No.	Enhancement	Description
NA	Changes to Rescission Transaction	<p>Currently the RESCISSION ACCOUNT non-monetary transaction does not support posting of this transaction on master and all associated account in one go.</p> <p>To support the same, introduced a new parameter 'PROCESS MASTER ASSOCIATED ACCOUNTS' flag as part of the transaction.</p>
NA	New Amortization Method (Every Month End)-Phase 2	<p>The Lease amortization (accounting of accrued interest) is done every month, irrespective of the billing cycle of the account, using Scheduled Based amounts.</p> <p>As part of this release, changes have been introduced in Setup, Origination, Servicing, Conversion, and Web services.</p>
NA	Termination & Payoff Quote Lease Txn Enhancements	<p>Following changes were taken to the Lease termination and Payoff Quote transactions.</p> <p>Considers the 'Lease Recovery Type' while posting the termination for amortized lease.</p> <p>Considers the 'Lease Recovery Type', while posting the payoff quote for amortized lease.</p>
NA	Events for Payoff Quote Transactions	<p>Event framework currently does not support transactions in the groups (STATEMENT, PAYOFF QUOTE, YTD, MTD).</p> <p>Hence, Events framework is enhanced to support the following transactions:</p> <p>PAYOFF QUOTE (Group: PAYOFF QUOTE)</p> <p>PAYOFF QUOTE LEASE (Group: PAYOFF QUOTE)</p>

4.2 Changes to Rescission Transaction

4.2.1 Overview

- Currently the RESCISSION ACCOUNT non-monetary transaction does not support posting of this transaction on master and all associated account in one go.
- To support the same, introduced a new parameter 'PROCESS MASTER ASSOCIATED ACCOUNTS' flag as part of the transaction.

4.2.2 Description

These changes are applicable for all products i.e. Loan, Line, Lease.

Following are the current parameters that are supported for non-monetary 'Rescission Account' transaction posting. (Txn Code: ACC_RESCISSION; Description: RESCISSION ACCOUNT).

Parameter Code	Possible values	Sort
TXN DATE	User input	1
PROCESS MASTER ACCOUNT	YES, NO	2
COMMENTS	User input	3
REASON CODE	LoV	4
PROCESS LINKED ACCOUNTS	YES, NO	5
PROCESS ALL ACCOUNTS BASED ON THE SALES ORDER NUMBER	YES, NO	6
PROCESS ALL ACCOUNTS BASED ON THE AGREEMENT NUMBER	YES, NO	7

Added a new Parameter code 'PROCESS MASTER ASSOCIATED ACCOUNTS with the following look-up value:

PROCESS MASTER ASSOCIATED ACCOUNTS	YES, NO	8
------------------------------------	---------	---

Displayed Flag: YES; Required Flag: YES

The default value of the new parameter PROCESS MASTER ASSOCIATED ACCOUNTS is 'N'.

- Recession transaction currently does not support posting on TRADED/VOID Accounts. If Master account has any accounts with these status system stops posting this transaction.
- To support error/ignoring transaction on any Account hierarchy, a new lookup is introduced listing the Account Statues and the sub code is used to ERROR/IGNORE posting of transaction.

- If sub-code is marked as ERROR, system throws an error message when posting transaction.
 - For example if lookup has PAIDOFF status as ERROR, as part of transaction Parameters [PROCESS MASTER ACCOUNT, PROCESS LINKED ACCOUNT, PROCESS MASTER ASSOCIATED ACCOUNT, PROCESS SAME SALES ORDER , PROCESS AGREEMENT]. If system has picked any account in hierarchy in PAIDOFF, then system throws error Transaction failed to Post in Account # : <<Account Number>> Error : Invalid status for associated accounts (SYS-SYS-SYS-TNM-002184)
 - For example if lookup has PAIDOFF status as IGNORE, as part of transaction Parameters [PROCESS MASTER ACCOUNT, PROCESS LINKED ACCOUNT, PROCESS MASTER ASSOCIATED ACCOUNT, PROCESS SAME SALES ORDER , PROCESS AGREEMENT] if system has picked any account in hierarchy in PAIDOFF then system ignores that account and process other Accounts.
- If data is not maintained in the lookup for status then system tries to post transaction on that account. Existing validations of Rescission transaction will fire. For example if lookup does not have ACTIVE or CHARGE OFF status, system picks all the Accounts including [ACTIVE/CHARGE OFF] status and post Rescission transaction.

Examples:

If for Status TRADED, sub code is set as **ERROR**, following is the behaviour to be followed:

Account Type	Current Status	Rescission Transaction Posting	Status After Rescission	Comments
Master Account	Active		Active	Transaction failed to Post in Account # : Associated Account 1 Error : Invalid status for associated accounts (SYS-SYS-SYS-TNM-002184) (SYS-SYS-SYS-UNDEFINED-002186)
Associated Account 1	TRADED		TRADED	
Associated Account 2	Active	On Associated Account	Active	

If for Status TRADED, sub code is set as **IGNORE**, following is the behaviour followed:

Account Type	Current Status	Rescission Transaction Posting	Status After Rescission	Comments
Master Account	Active		CLOSED: VOID	Transaction failed to Post in Account # : Associated Account 1 Error : Invalid status for associated accounts (SYS-SYS-SYS-TNM-002184) (SYS-SYS-SYS-UNDEFINED-002186)
Associated Account 1	TRADED		TRADED	
Associated Account 2	Active	On Associated Account	CLOSED: VOID	

If for Status CLOSED: VOID, sub code is set as **ERROR**, following is the behaviour followed:

Account Type	Current Status	Rescission Transaction Posting	Status After Rescission	Comments
Master Account	Active		Active	Transaction failed to Post in Account # : Associated Account 1 Error : Invalid status for associated accounts (SYS-SYS-SYS-TNM-002184) (SYS-SYS-SYS-UNDEFINED-002186)
Associated Account 1	CLOSED: VOID		CLOSED: VOID	
Associated Account 2	Active	On Associated Account	Active	

If for Status CLOSED: VOID, sub code is set as **IGNORE**, following is the behaviour followed:

Account Type	Current Status	Rescission Transaction Posting	Status After Rescission	Comments
Master Account	Active		CLOSED: VOID	Transaction should be posted on associated account as well as master account and status should change from Active to CLOSED: VOID.
Associated Account 1	CLOSED: VOID		CLOSED: VOID	
Associated Account 2	Active	On Associated Account	CLOSED: VOID	

Use-Cases

Case-1: PROCESS MASTER ASSOCIATED ACCOUNTS = Y

Rescission Transaction on Associated Account:

- While posting RESCISSION transaction on an associated account, if the PROCESS MASTER ASSOCIATED ACCOUNTS flag is set to Y, the transaction will be posted on all associated accounts as well as its corresponding master account. This is to be followed for all the accounts in the hierarchy with statuses: ACTIVE, TERMINATED, PAID OFF, CHARGED OFF.
- Existing validation behaviour of RESCISSION transaction will now be controlled based on the Look-up sub-code configured.
 - Sub-code - Error: RESCISSION transaction cannot be posted on accounts with acc_status_cd in (TRADED, CLOSED: VOID).
 - Sub-code - Ignore: Ignore the transaction with acc_status_cd in (TRADED, CLOSED: VOID) and go ahead and process the RESCISSION transaction on other accounts.
- When Process Master Associated Flag is Y then we ignore other flags and the Process Master Associated Flag will take precedence over all the other Flag values.

Rescission Transaction on Master Account:

- Posting of rescission transaction on a master account should follow the same behaviour as mentioned for Rescission transaction posting on Associated accounts.

Case-2: PROCESS MASTER ASSOCIATED ACCOUNTS = N

- For an associated or master account, while posting RESCISSION ACCOUNT transaction, if the PROCESS MASTER ASSOCIATED ACCOUNTS flag is set to N, the transaction is posted only on the account from where it is initiated i.e. system continues to function in the same way it is working currently in absence of this parameter.
- Existing validation "Rescission transaction cannot be posted on a Master account, having linked account or associated account or both accounts with status as ACTIVE" will continue to work as is.
- When Process Master Associated Flag is N then other Flags are considered in the following order-
 - Sales Order (When Y, Agreement and Linked Account flags are ignored)
 - Agreement (When Y, Linked Account flag is ignored)
 - Linked Account

This parameter value is supported in posting the '**RESCISSION ACCOUNT**' transaction on an account by all the current means. (UI, File, Web-services).

4.2.3 Seed Data

TXN_CODE_PARAMETERS

TCP_TCD_CODE	ACC_RESCISSION
TCP_PARAMETER_CD	TNM_PROCESS_ASSOCIATED_ACC_IND
TCP_ID	TCP_SEQNUM.NEXTVAL
TCP_DEFAULT_VALUE	N
TCP_SORT	8
TCP_DISPLAYED_IND	Y
TCP_REQUIRED_IND	Y

LOOKUP_TYPES:

LKT_TYPE	RESCISSION_STATUS_CD
LKT_DESC	LIST OF ACCOUNT STATUS FOR RESCISSION TXN(SUBCODE FOR RAISING ERROR/IGNORE)
LKT_SYSTEM_SETUP_IND	Y
LKT_ENABLED_IND	Y

LOOKUPS:

LKC_LKT_TYPE	RESCISSION_STATUS_CD
LKC_CODE	TRADED
LKC_SUB_CODE	ERROR

LKC_SORT	1
LKC_DESC	RESCISSION WHEN TRADED ACCOUNT EXISTS
LKC_SYSTEM_SETUP_IND	Y
LKC_ENABLED_IND	Y
LKC_LKT_TYPE	RESCISSION_STATUS_CD
LKC_CODE	VOID
LKC_SUB_CODE	ERROR
LKC_SORT	1
LKC_DESC	RESCISSION WHEN VOID ACCOUNT EXISTS
LKC_SYSTEM_SETUP_IND	Y
LKC_ENABLED_IND	Y

TRANSLATION DATA:

TRD_KEY_REF5	002213
TRD_KEY_REF6	INVALIDSTATUSFORMASTER/ASSOCIATEDACCOUNTS.
TRD_LANGUAGE_CD	SYS
TRD_CODE_TYPE	MSG-SE
TRD_ENABLED_IND	Y
TRD_SYSTEM_SETUP_IND	Y
TRD_DESC1	Invalid status for Master/Associated Accounts.
TRD_KEY_REF5	002214
TRD_KEY_REF6	NOACCOUNTSFOUNDFORPOSTINGRESCISSION
TRD_LANGUAGE_CD	SYS
TRD_CODE_TYPE	MSG-SE
TRD_ENABLED_IND	Y
TRD_SYSTEM_SETUP_IND	Y
TRD_DESC1	No Accounts found for posting rescission
TRD_KEY_REF5	002211

TRD_KEY_REF6	SALESORDER#NOTFOUNDFORPROCESSING
TRD_LANGUAGE_CD	SYS
TRD_CODE_TYPE	MSG-SE
TRD_ENABLED_IND	Y
TRD_SYSTEM_SETUP_IND	Y
TRD_DESC1	Sale Order# Not Found for Processing

4.3 New Amortization Method (Every Month End)-Phase 2

4.3.1 Overview

The Lease amortization (accounting of accrued interest) is done every month, irrespective of the billing cycle of the account, using **Scheduled Based amounts**.

For example, Billing Cycle → Statement to the customer could be issued Quarterly, but the accrued interest handover of GL happens monthly.

As part of this release, the following changes have taken

- Setup → Added validations while saving the Setup
- Origination → added new amortization filed and Edit
- Servicing → added new monetary transaction
- Conversion → system accepts the amortization rate
- Web service → Account boarding: /servicing/accountboarding will receive the amortization rate
- Web service → Get Account Details → /servicing/account/{number} will show the amortization rate

4.3.2 Description

As part of this release, changes have been introduced in Setup, Origination, Servicing, Conversion, and Web services.

Setup Changes

Setup → Contract → Lease → Amortized Balances → Amortization Method as 'Scheduled Based (Month End)', while saving the record with this new method, the system will validate the below:

Field references	Error to display
Setup > Contract > Lease > Edit > if 'rent accrual method' = Amortized & Int Amortized Freq != Scheduled based month end	Int Amortization Freq - EVERY MONTH END is allowed only for Rent Accrual Method - AMORTIZED
Setup > Contract > Lease > Edit > Amortized Balances if Int Amortized Freq = Scheduled based month end and Amortize Balance Type != Rent	Amortization Method is EVERY MONTH END, allowed only for RENT Amortize Balance Type

if Int Amortized Freq = Scheduled based month end and Amortize Balance Type = Rent & Amortization Method != Scheduled based month end	RENT Amortize Balance Type is allowed only for SCHEDULED BASED (MONTH END ONLY) Amortization Method
if Int Amortized Freq != Scheduled based month-end and Amortization Method = Scheduled based month	1. Contracts Int Amortization Freq should be EVERY MONTH END for SCHEDULED BASED (MONTH END ONLY) Amortization Method

Origination Changes

Introduced new filed 'Amortization Rate' under Origination > Funding > Lease > Contract after Margin Rate - Default value will be '0'.

Application: 0000035009: LEASE INTEREST RATE

View ▾ Format ▾ Freeze Detach Wrap

Dt	App #	Sub Unit	Sta
01/01/2021	0000035009	UNDEFINED	AP

Index Rate 0.00

* Contract Margin Rate 4.9900

Contract Rate 4.99

* **Amortization Rate** 0.0000

Balloon Method N + 1 PMTS

* Balloon Amt 0.00

* Security Deposit 1,000.00

* Gross Capitalized Cost 24,000.00

* Capitalized Cost n nn

A new EDIT under Setup > Edits > Lease > CNLSCE_CON_EDIT_01 (APPLICATION CONTRACT EDITS) has been introduced to validate it.

Edit Subtype	Edit	Result	Enabled	Value	Override Reasonability	No Responsibility
ORIGINATI ON CONTRACT EDITS	REQUIRED: AMORTIZA TION RATE SHOULD BE GREATER THAN ZERO	Error	Y	NA	NO RESPONSIBI LITY	Yes

Above Edit will trigger if Lease Contract's → Amortized Balances → Amortization Method is 'Scheduled Based (Month End)' and if this filed value is 'Zero.'

Servicing Changes

Introduced a new parameter to the existing 'LEASE_CONT_MAINT' non-monetary transaction to update the Account Details → Amortization Rate

Parameter Code	Default	Sort	Displayed? Yes/No	Required? Yes/No
AMORTIZATION RATE (TAM PROCESS)		3	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
LEASE CHANGE RECOVERY TYPE		2	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
COMMENTS		4	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
TXN DATE		1	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No

WebService Changes:

For both, Account Onboarding services

Provided an EDIT under Setup → Edits → Lease → Open-interface → CNLSCE_ACX_EDIT_01 (ACCOUNT BOARDING EDITS)

Edit Sub Type: ORIGINATION CONTRACT EDITS
Enabled:
Value: NA
System Defined: Yes No
Override Responsibility: NO RESPONSIBILITY

Above Edit will trigger if Lease Contract's → Amortized Balances → Amortization Method is 'Scheduled Based (Month End)' and if this filed value is 'Zero.'

Account Details Get Webservice

Introduced a new element 'Amortization Rate' for Get Account Details → /servicing/ account / {number}

```
"CompanyName": "US01",  
"BranchCode": "CB-002",  
"BranchName": "USR1",  
"AmortizationRate": 7.8,  
"EquityTransferDetails": {  
  "EquityTransferDetail": [  
    {  
      "FromAccountNumber": "20000100061065",  
      "ToAccountNumber": "20000100061065",  
      "EquityTransferredAmount": 1234.01
```

Conversion Changes:

New conversion edit is introduced as follows (only for lease) under Setup → Edits → Lease → Open-interface → CNLSCE_API_EDIT_01 (CONVERSION ACCOUNTS EDITS)

CNLSCE_API_EDIT... API EDITS FOR AC... CONVERSION ACCO... Yes No Y ALL ALL ALL ALL ALL

Edit Sub Type Definition + Add Edit View Audit

View Format Freeze Detach Wrap

Edit Sub Type	Edit	Result	Enabled	Value	Override Responsibility	Syst
API CONTRACT EDITS	REQUIRED : AMORTIZATION RATE SHOULD BE GREATER THAN Z...	ERROR	Y	NA	NO RESPONSIBILL...	<input checked="" type="radio"/>

Edit Sub Type Definition Return

Edit: API CONTRACT EDITS Enabled:
 Sub Type Value: NA System Defined: Yes No
 Edit: REQUIRED : AMORTIZATION RATE SHOULD BE GREATER THAN ZERO Override Responsibility: NO RESPONSIBILITY
 Result: ERROR

Above edit triggers, if Lease Contract's → Amortized Balances → Amortization Method is 'Scheduled Based (Month End)' and if this filed value is 'Zero'

i.e., AMORTIZE_TXN_TYPE_CD = RENT & AMORTIZE_CALC_METHOD_CD = AMZ_SCH & Amortization Rate = 0

Processing Changes:

- Legacy systems would send the Amortization Rate and Amortization Rate CUR values; hence, the system provides a place holder in lease .dat files.
- The system will read the new element(s) (amortization rate) and process the account as part of the file processing.

UI Changes:

Added the Amortization Rate (mandatory) filed in UI under Servicing → Conversion Accounts → Account Boarding → (Lease) Contract → Contract Information → Contract Details →(EDIT and VIEW) - default the value to 0

Note: for Loan and Line, it will be not shown.

Edits x Origination x Transaction Codes x **Conversion Accounts x**

Maturity Dt 11/15/2023
 Index FLAT RATE
 Index Rate 4.99
 Contract Margin Rate 26.30
 Contract Rate 31.29
Amortization Rate 25.70 T
 Security Deposit 0.00
 Gross Capitalized Cost 1,933.00

4.3.3 Seed Data

SN O	Table	Key Data	TYPE
1	FLEX_TABLE_ATTRIBUTES	API_CON_LEASE REQ_CON_AMORTIZATION_RATE	INSERT
2	FLEX_TABLE_ATTRIBUTES	CNB_CON_LEASE REQ_CON_AMORTIZATION_RATE	INSERT

3	FLEX_TABLE_ATTRIBUTES	INP_BMP_TNM TNM_ACC_AMORTIZATION_RATE	INSERT
4	EDIT_DETAILS	CNLSCE_ACX_EDIT_01 REQ_CON_AMORTIZATION_RATE NA	INSERT
5	EDIT_DETAILS	CNLSCE_API_EDIT_01 REQ_CON_AMORTIZATION_RATE NA	INSERT
6	EDIT_DETAILS	CNLSCE_CON_EDIT_01 REQ_CON_AMORTIZATION_RATE NA	INSERT
7	TXN_CODE_PARAMETERS	LEASE_CONT_MAINT TNM_ACC_AMORTIZATION_RATE	INSERT

4.4 Termination & Payoff Quote Lease Txn Enhancements

4.4.1 Overview

Following changes were taken to the Lease termination and Payoff Quote transactions.

- Considers the 'Lease Recovery Type' while posting the termination for amortized lease.
- Considers the 'Lease Recovery Type', while posting the payoff quote for amortized lease.

4.4.2 Description

Changes related to Termination Transaction:

- **For Fixed method** → If the lease is terminated before the end of lease term, system should show the 'Lease Payoff Quote' as 'Outstanding Principal amount to be billed' + Estimated Interest for remaining period has to be collected from the customer to make the account 'Paid Off'.
- **For Proportionate method** → If the lease is terminated before the end of lease term, system should consider only the Billed and Unpaid dues as on the date of posting of the transactions. If the customer pays the Due amount in full, system would make the account 'Paid Off'.
- A detailed transaction result will be shown as below, if the termination is posted in 'Amortized' lease with or without buyout indicator = Y.

Method = Fixed and Buyout Indicator = Y

The screenshot displays the Oracle Financial Services interface for a lease termination transaction. The main table shows the transaction date as 06/08/2022, monetary as Y, and transaction as TERMINATE. The status is POSTED and the batch is N. Below the table, the parameters section lists various fields such as TXN DATE, LEASE BUYOUT INDICATOR, DISPOSITION FEE, EARLY TERMINATION FEE, OTHER FEE, CURRENT USAGE, SALE PRICE, and EVENT TYPE, along with their values and required status. The result section provides a detailed breakdown of the transaction processing, including calculations for terminated interest accrued, terminated lease receivables, and the final loss amount.

Date	Monetary	Transaction	Status	Batch
06/08/2022	Y	TERMINATE	POSTED	N

Count: 1

Parameter	Value	Required
TXN DATE	04/15/2021	Y
LEASE BUYOUT INDICATOR	YES	Y
DISPOSITION FEE	0	Y
EARLY TERMINATION FEE	3	Y
OTHER FEE	0	Y
CURRENT USAGE	0	Y
SALE PRICE	4000	Y
EVENT TYPE		N

Result

Transaction Processing Details

TERMINATED INTEREST ACCRUED = UNPAID ACCRUED INTEREST + UNBILLED INTEREST = 579.54 + 906.26 = 1,485.80

TERMINATED LEASE RECEIVABLES = 22,500.00

LOSS = (UNBILLED AMOUNT + RESIDUAL VALUE) - SALES PRICE = (17,083.08 + 2,500.00) - 4,000.00 = 15,583.08

***** Transaction Posting Successful *****

Method = Fixed and Buyout Indicator = N

Transaction Batch Information

Date	Monetary	Transaction	Status	Batch
06/08/2022	Y	TERMINATE	POSTED	N
06/08/2022	Y	TERMINATE	POSTED	N

Count: 2

Parameters

Parameter	Value	Required
TXN DATE	04/15/2021	Y
LEASE BUYOUT INDICATOR	NO	Y
DISPOSITION FEE	0	Y
EARLY TERMINATION FEE	5	Y
OTHER FEE	0	Y
CURRENT USAGE	0	Y
SALE PRICE	0	Y
EVENT TYPE	0	N

Result

Transaction Processing Details

TERMINATED INTEREST ACCRUED = UNPAID ACCRUED INTEREST + UNBILLED INTEREST = 579.54 + 906.26 = 1,485.80
 TERMINATED LEASE RECEIVABLES = 22,500.00
 INVENTORY = RESIDUAL VALUE = 2,500.00
 ***** Transaction Posting Successful *****

Method = Proportionate and Buyout = Y

Transaction Batch Information

Date	Monetary	Transaction	Status	Batch
06/06/2022	Y	TERMINATE	POSTED	N

Count: 1

Parameters

Parameter	Value	Required
TXN DATE	04/03/2021	Y
LEASE BUYOUT INDICATOR	YES	Y
DISPOSITION FEE	0	Y
EARLY TERMINATION FEE	5	Y
OTHER FEE	0	Y
CURRENT USAGE	0	Y
SALE PRICE	10000	Y
EVENT TYPE		N

Result

Transaction Processing Details

TERMINATED LEASE RECEIVABLES = 5,416.92
 LOSS = (UNBILLED AMOUNT + RESIDUAL VALUE) - SALES PRICE = (17,083.08 + 2,500.00) - 10,000.00 = 9,583.08
 ***** Transaction Posting Successful *****

Method = Proportionate and Buyout = N

Transaction Batch Information

Date	Monetary	Transaction	Status	Batch
06/08/2022	Y	TERMINATE	POSTED	N

Count: 1

Parameters

Parameter	Value	Required
TXN DATE	04/03/2021	Y
LEASE BUYOUT INDICATOR	NO	Y
DISPOSITION FEE	0	Y
EARLY TERMINATION FEE	11	Y
OTHER FEE	0	Y
CURRENT USAGE	0	Y
SALE PRICE	0	Y
EVENT TYPE		N

Result

Transaction Processing Details

TERMINATED LEASE RECEIVABLES = 5,416.92
 INVENTORY = UNBILLED AMOUNT + RESIDUAL VALUE = 17,083.08 + 2,500.00 = 19,583.08
 ***** Transaction Posting Successful *****

Payoff Quote transaction changes:

- For amortized lease, system shows the 'Lease recovery' type as either Fixed or Proportionate and specific note stating that residual amount is not tracked for delinquency.

- Depending upon the lease recovery type, whether fixed or proportionate, system will generate the quote to consider the outstanding dues for whole life of lease or proportionate date.

Advance → Fixed → Lease Buyout = Y

Transaction Batch Information			
Date	Monetary	Transaction	Status
06/16/2022	Y	PAYOFF QUOTE LEASE	POSTED
Parameters			
Parameter	Value	Required	
TXN DATE	05/03/2021	Y	
PAYOFF QUOTE VALID UPTO DATE	05/03/2021	Y	
LEASE BUYOUT INDICATOR	YES	Y	
DISPOSITION FEE	0	Y	
EARLY TERMINATION FEE	10	Y	
OTHER FEE	0	Y	
DEPRECIATION ADJUSTMENT	0	Y	
CURRENT USAGE	0	Y	
PAYOFF QUOTE LTR PRINT	NO	Y	
COMMENT	PROVIDED TO	Y	
PROCESS MASTER ASSOCIATED ACCOUNTS	NO	N	
Transaction Processing Details			
OVERDUE PAYMENTS =EUR 999.28			
LEASE RECEIVABLE =EUR 14,224.22			
ACCRUED INTEREST =EUR 611.20			
ADVANCE / PRINCIPAL =EUR 0.00			
INTEREST =EUR 0.00			
FEE USAGE =EUR 0.00			
FEE LATE CHARGE =EUR 0.00			
FEE NSF =EUR 0.00			
FEE EXTENSION =EUR 0.00			
FEE ADVANCE =EUR 0.00			
MAINTENANCE FEE =EUR 0.00			
CLUB FEE =EUR 0.00			
AOAO FEE =EUR 0.00			
FEE OTHER 4 =EUR 0.00			
FEE OTHER 5 =EUR 0.00			
FEE PHONE PAY =EUR 0.00			
FEE PERIODIC MAINTENANCE =EUR 0.00			
RENTAL FEE =EUR 0.00			
FEE DELAY =EUR 0.00			
EXPENSE BANKRUPTCY =EUR 0.00			
EXPENSE REPOSESSION/FORECLOSURE =EUR 0.00			
EXPENSE SERVICING =EUR 0.00			
RENTAL CHARGE =EUR 0.00			
DAMAGE CHARGE =EUR 0.00			
INSPECTION FEE =EUR 0.00			
RECONDITIONING FEES =EUR 0.00			
PURCHASE FEE =EUR 0.00			
TRANSPORTATION FEE =EUR 0.00			
SALES / USAGE TAX =EUR 0.00			
FEE DISPOSITION =EUR 0.00			
FEE EXCESS USAGE =EUR 0.00			
OTHER FEE AND TAX =EUR 0.00			
FEE EARLY TERMINATION =EUR 0.00			
TERMINATION =EUR 0.00			
UNBILLED FEE USAGE =EUR 0.00			
EARLY TERMINATION FEE =EUR 10.00			
RESIDUAL AMOUNT =EUR 2,500.00			
PAYOFF QUOTE (excluding residual amount) = EUR 14,845.42			
PAYOFF QUOTE (including residual amount) = EUR 17,345.42			
*Note 1: LEASE RECOVERY TYPE = FIXED			
*Note 2: Residual Value / Amount is not considered as part of Delinquency tracking.			
***** Transaction Posting Successful *****			

Advance → Fixed → Lease Buyout = N

Parameters			
Parameter	Value	Required	
TXN DATE	05/03/2021	Y	
PAYOFF QUOTE VALID UPTO DATE	05/03/2021	Y	
LEASE BUYOUT INDICATOR	NO	Y	
DISPOSITION FEE	0	Y	
EARLY TERMINATION FEE	10	Y	
OTHER FEE	0	Y	
DEPRECIATION ADJUSTMENT	0	Y	
CURRENT USAGE	0	Y	
PAYOFF QUOTE LTR PRINT	NO	Y	
COMMENT	PROVIDED TO	Y	
PROCESS MASTER ASSOCIATED ACCOUNTS	NO	N	
Transaction Processing Details			
OVERDUE PAYMENTS =EUR 7,929.28			
LEASE RECEIVABLE =EUR 20,517.68			
ACCRUED INTEREST =EUR 611.20			
ADVANCE / PRINCIPAL =EUR 0.00			
INTEREST =EUR 676.54			
FEE USAGE =EUR 0.00			
FEE LATE CHARGE =EUR 30.00			
FEE NSF =EUR 0.00			
FEE EXTENSION =EUR 0.00			
FEE ADVANCE =EUR 0.00			
MAINTENANCE FEE =EUR 0.00			
CLUB FEE =EUR 0.00			
AOAO FEE =EUR 0.00			
FEE OTHER 4 =EUR 0.00			
FEE OTHER 5 =EUR 0.00			
FEE PHONE PAY =EUR 0.00			
FEE PERIODIC MAINTENANCE =EUR 0.00			
RENTAL FEE =EUR 0.00			
FEE DELAY =EUR 0.00			
EXPENSE BANKRUPTCY =EUR 0.00			
EXPENSE REPOSESSION/FORECLOSURE =EUR 0.00			
EXPENSE SERVICING =EUR 0.00			
RENTAL CHARGE =EUR 0.00			
DAMAGE CHARGE =EUR 0.00			
INSPECTION FEE =EUR 0.00			
RECONDITIONING FEES =EUR 0.00			
PURCHASE FEE =EUR 0.00			
TRANSPORTATION FEE =EUR 0.00			
SALES / USAGE TAX =EUR 0.00			
FEE DISPOSITION =EUR 0.00			
FEE EXCESS USAGE =EUR 0.00			
OTHER FEE AND TAX =EUR 0.00			
FEE EARLY TERMINATION =EUR 0.00			
TERMINATION =EUR 0.00			
UNBILLED FEE USAGE =EUR 0.00			
EARLY TERMINATION FEE =EUR 10.00			
PAYOFF QUOTE = EUR 21,845.42			
*Note: LEASE RECOVERY TYPE = FIXED			
***** Transaction Posting Successful *****			

Advance-Proportionate → Buyout Indicator = Y

Parameters		
Parameter	Value	Required
TXN DATE	05/03/2021	Y
PAYOFF QUOTE VALID UPTO DATE	05/03/2021	Y
LEASE BUYOUT INDICATOR	YES	Y
DISPOSITION FEE	0	Y
EARLY TERMINATION FEE	10	Y
OTHER FEE	0	Y
DEPRECIATION ADJUSTMENT	0	Y
CURRENT USAGE	0	Y
PAYOFF QUOTE LTR PRINT	NO	Y
COMMENT	PROVIDED TO	Y
PROCESS MASTER ASSOCIATED ACCOUNTS	NO	N

Detached Table
Transaction Processing Details
OVERDUE PAYMENTS =EUR 7,929.28
LEASE RECEIVABLE =EUR 7,252.74
ADVANCE / PRINCIPAL =EUR 0.00
INTEREST =EUR 676.54
FEE USAGE =EUR 0.00
FEE LATE CHARGE =EUR 30.00
FEE NSF =EUR 0.00
FEE EXTENSION =EUR 0.00
FEE ADVANCE =EUR 0.00
MAINTENANCE FEE =EUR 0.00
CLUB FEE =EUR 0.00
AOAO FEE =EUR 0.00
FEE OTHER 4 =EUR 0.00
FEE OTHER 5 =EUR 0.00
FEE PHONE PAY =EUR 0.00
FEE PERIODIC MAINTENANCE =EUR 0.00
RENTAL FEE =EUR 0.00
FEE DELAY =EUR 0.00
EXPENSE BANKRUPTCY =EUR 0.00
EXPENSE REPOSESSION/FORECLOSURE =EUR 0.00
EXPENSE SERVICING =EUR 0.00
RENTAL CHARGE =EUR 0.00
DAMAGE CHARGE =EUR 0.00
INSPECTION FEE =EUR 0.00
RECONDITIONING FEES =EUR 0.00
PURCHASE FEE =EUR 0.00
TRANSPORTATION FEE =EUR 0.00
SALES / USAGE TAX =EUR 0.00
FEE DISPOSITION =EUR 0.00
FEE EXCESS USAGE =EUR 0.00
OTHER FEE AND TAX =EUR 0.00
FEE EARLY TERMINATION =EUR 0.00
TERMINATION =EUR 0.00
UNBILLED FEE USAGE =EUR 0.00
EARLY TERMINATION FEE =EUR 10.00
RESIDUAL AMOUNT =EUR 2,500.00
PAYOFF QUOTE (excluding residual amount) = EUR 7,969.28
PAYOFF QUOTE (including residual amount) = EUR 10,469.28
*Note 1: LEASE RECOVERY TYPE = PROPORTIONATE
*Note 2: Residual Value / Amount Is not considered as part of Delinquency tracking.
***** Transaction Posting Successful *****

Assumptions:

- User would not post the back dated termination before the last bill generation date.
- If the termination transaction is posted before the last bill, system may not consider the amount for delinquency.

4.4.3 Seed Data

SNO	TABLE	KEY DATA	TYPE
1	TXN_CODES	LEASE_CONT_MAINT	UPDATE
2	EDIT_DETAILS	CNLSCE_CON_EDIT_01 REQ_CON_AMORTIZATION_RATE NA	INSERT
3	TRANSLATION_DATA	SYS SYS SYS UPS 002215 INTAMORTIZATIONFREQ-EVERYMONTHENDISALLOWEDONLYFORRENTACCRUALMETHOD-AMORTIZED SYS MSG-SE	INSERT
4	TRANSLATION_DATA	SYS SYS SYS UPS 002216 INTAMORTIZATIONFREQ-EVERYMONTHENDISALLOWEDONLYFORRENTACCRUALMETHOD-AMORTIZED SYS MSG-SE	INSERT

SNO	TABLE	KEY DATA	TYPE
5	TRANSLATION_DATA	SYS SYS SYS UPS 002217 RENTAMORTIZEBALANCETYPEISALLOWEDONLYFORSCHEDULEDBASED(MONTHENDONLY)AMORTIZATIONMETHOD SYS MSG-SE	INSERT
6	TRANSLATION_DATA	SYS SYS SYS UPS 002218 CONTRACTSINTAMORTIZATIONFREQUENCYSHOULDBEEVERYMONTHENDFORSCHEDULEDBASED(MONTHENDONLY)AMORTIZATIONMETHOD SYS MSG-SE	INSERT
7	TXN_CODE_PARAMETERS	CHGOFF TXN_PROCESS_MASTER_ACC_IND	INSERT
8	FLEX_TABLE_ATTRIBUTES	INP_BMP_TNM TNM_ACC_AMORTIZATION_RATE	UPDATE

4.5 Events for Payoff Quote Transactions

4.5.1 Overview

Event framework currently does not support transactions in the groups (STATEMENT, PAYOFF QUOTE, YTD, and MTD).

Hence, Events framework is enhanced to support the following transactions:

- PAYOFF QUOTE (Group: PAYOFF QUOTE)
- PAYOFF QUOTE LEASE (Group: PAYOFF QUOTE)

4.5.2 Description

- Currently Events framework <<EVENT TO PROCESS ACTIONS WHEN NEW MONETARY RECORD IS POSTED>> only supports transactions which have entries / records in the transactions (TXNS) table.
- Events framework support is extended to transactions that get recorded in the **Customer Service → Maintenance → Transaction Batch Information**.
Table name: BATCH_MODE_TXNS
- The Group - PAYOFF QUOTE in the Super Group - ACCOUNT MONETARY TXN have the following transactions:
 - PAYOFF QUOTE
 - PAYOFF QUOTE LEASE
- The PAYOFF QUOTE, PAYOFF QUOTE LEASE transactions do not get recorded in the TXNS table; they get recorded in the BATCH_MODE_TXNS table.
- Events are supported only for the PAYOFF QUOTE group transactions which get recorded in the BATCH_MODE_TXNS table.
- The Event Indicator / flag controls the behaviour whether events for Payoff Quote group is allowed or not.
 - If event flag is N, events configuration for PAYOFF QUOTE is not allowed
 - If event flag is Y, events configuration for PAYOFF QUOTE is allowed.
- Events related to PAYOFF QUOTE group records in the Events Log (System Monitor → Events → Events Log)

Transaction Codes Add Edit View Audit

View Format Freeze Detach Wrap

Yes
 No

txn Code	Description	Group	Action	Monetar System Defined Yes/No	Enabled	Txn/Bal Type	Statement Txn Type	Batch	Manual	Statement Print	GL	Event	
AYOFF	PAYOFF QUOTE	PAYOFF QUOTE	POST	Y	<input type="radio"/> Yes <input checked="" type="radio"/> No	Y	NONE	NONE	N	Y	N	N	N
AYOFF_LEASE	PAYOFF QUOTE LEASE	PAYOFF QUOTE	POST	Y	<input type="radio"/> Yes <input checked="" type="radio"/> No	Y	NONE	NONE	N	Y	N	N	N

4.6 Patches and Bugs

Bug Id	Bug Description	Fix Description
33426365	SR: 3-27248118411 Back dated line account is having issue when posted ADV transaction two times in the same month.	Fix has been provided to update the amount in INT_BILL transaction. Now Interest accrual for reversal and reposting of bills for backdated ADV transaction posting is working as expected.
34176423	SR: 3-29541935871 Unable to Access "Credit Bureau Fetch WS" in 14.12 SAAS Dev environment. Receiving 401 error	Fix has been provided by updating configuration changes to WebLogic by AMS.
34139212	SR: 3-29440327801 Events Service not available in SAAS Dev environment.	Fix has been provided such that, the Event service is now available.
34120027	SR: 3-29385405553 Daily GL file generated in Test environment does not contain the single GL entry created.	Fix has been provided such that, date format for ODD_ATTRIBUTE16 column in 'odd_odd_evw' table contains the same date format as configured in the simple date format of the division.
34178533	SR: 3-29545793128 Payoff Quote is returning the same value for both with/without buyout indicator	Fix has been provided such that, system shows residual amount in the transaction result only when payoff quote transaction lease is posted with buyout indicator as Y.
34132758	SR: 3-29402489111 In the contract tab, after providing the values, clicked on the Calculate Payment. System is giving the error ' Adjusted Capital Cost should be greater than zero.' (even though it has non zero value.	Fix has been provided such that, system is calculating the base payment as expected
34176192	SR: 3-29540589301 Application Update web service Issues	Fix has been provided such that, while setting SSN and Request details, the converter is getting called to convert String to Big Decimal and this converter is defaulting to 0 if the value is null. Code changes made to not default to 0 if the value is null.
34160226	SR: 3-29502265941 Getting the error in AOB creation for AMORTIZED setup	Fix has been provided such that, system boards the account with 'ACCOUNT ACTIVATION ON HOLD' Condition (PENDING Status) properly without any error.

Bug Id	Bug Description	Fix Description
34088807	<p>SR: 3-29300750265</p> <p>The Generate Data File button on the Correspondence Document Setup tab is able to call Oracle Analytics (OA) successfully it seems, but OA returns an empty PDF file each time. This is preventing the completion of the configuration of all user correspondence templates</p>	<p>Fix has been provided such that, Equifax WS is using Proxy setting (JVM level)</p> <p>Any other web services call is non proxy setting.</p> <p>When the Equifax web service is called. The proxy parameters are set and after completion they are not reset or cleared.</p> <p>So any other Non-Equifax services call will not go through and proxy would revert unknown host.</p> <p>So a Fix was provided based on the URL.</p>
34176338	<p>SR: 3-29540589318</p> <p>When Application Update WS is used to add new applicant (e.g. Relationship type Spouse) to existing application, then SSN for Primary applicant is getting updated to 000000000 (even though not passed in WS request)</p>	<p>Fix has been provided as, while setting SSN and Request details, the converter is getting called to convert String to Big Decimal and this converter is defaulting to 0 if the value is null.</p> <p>Code changes made to not default to 0 if the value is null.</p>
34213818	<p>SR: 3-29643864121</p> <p>The Account Details Buttons (Edit, View and Audit) are not working, and the ADF screen freezes.</p>	<p>Fix has been provided such that, updated the duplicate IDs of components in 'AccountDetailLeaseEdit.jsff' fragments.</p>
34232858	<p>SR: 3-29692822521</p> <p>Lease AOB is defaulting to 'PROPORTIONATE' for Lease recovery type.</p>	<p>Fix has been provided such that, system boards the account with lease recovery type based on the contract setup.</p>
33956614	<p>SR: 3-28887596101</p> <p>"Grant Type" selected from drop down In Credit Bureau Report Format Setup, under "External Connection Details" is not available when record is viewed.</p>	<p>Fix has been provided such that, by default system was converting selected grant type (lookup code is in small case) value to capital case on save due to which the user is not able to view it when clicked on view button.</p> <p>Added code for it to not convert the value to capital case and save as it is as per lookup code values.</p>
34266540	<p>SR: 3-29694822791</p> <p>TAMPRC job is calculating the amortization values for 28 day for Feb instead of 30 days</p>	<p>Fix has been provided such that, now system is considering as 30 days while amortizing on Feb End for 30/360 method</p>
34232110	<p>SR: 3-29680972531</p> <p>TAMPRC job is calculating the amortization values when the prebilling days are non-zero</p>	<p>Fix has been provided such that, now system is properly considering the prebill days while amortizing using AMZ_SCH calc method</p>

Bug Id	Bug Description	Fix Description
34238991	SR: 3-29702916241 Fields deprecated from external table 'api_acc_loan_ext' – need to be removed from seed data and API table also	Fix has been provided such that, fields (ACC_SALES_ORDER_NBR and ACC_AGREEMENT_NBR) were removed as part of forward porting from 14.10 PS15. It is now added again as part of 14.12 PS2.
33923404	SR: 3-28817278181 When JSON is getting generated for webhook in case of an event, then User Defined Table are not picked based on "Enabled" indicator. This is causing a not required table to be joined with other user defined table and leading to issue and hence Webhook MDB is not invoked with appropriate JSON.	Fix has been provided to include values from User Defined Table and Columns with Enabled Indicator Y while preparing JSON.
34194457	Correspondence document setup Generate Data File button creates empty pdf reports	Fix has been provided such that, Http Proxy setting has been set on http connection instead of JVM parameter.
34189610	SR: 3-29576943461 Facing "500 Internal Server" error when invoking Bureau Put WS in SAAS Dev-14.12_PS1	Fix has been provided such that 1. Below Type objects are updated with new attribute. XCS_CRB_CDP_REC_T XCS_CRB_CUM_REC_T
33801195	SR: 3-28351027341 The Charged off transaction is not getting posted correctly for Master and Associated accounts as per the Parameters configured during transaction posting. If parameter 'Processed linked account' is 'Yes', the charged off is posted only on associated account. 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.
33935421	SR: 3-28814098941 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.

Bug Id	Bug Description	Fix Description
33944381	SR: 3-28863868981 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 System is slow as observed while running ITUPRC batch job with following issues: 1. Update to assets is happening very slow. 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: 1. To process the update for points consolidation in bulk rather than single update while running ITUPRC batch job. 2. To update only if there is change in asset points and asset billing points.
33975414	SR: 3-28959140401 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.
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.
34025223	SR: 3-29104372471 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 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 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.

Bug Id	Bug Description	Fix Description
34058020	SR: 3-29212932161 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. For more info please check the below release notes - https://docs.oracle.com/cd/F40454_01/pdf/efdocs/ofsl_release_notes.pdf
34104314	SR: 3-29328815381 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 There is a discrepancy in 'auto allocation of master excess amount' enhancement (delivered in ps12). 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.
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. For more info please check the below release notes - https://docs.oracle.com/cd/F40454_01/pdf/efdocs/ofsl_release_notes.pdf
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.

Bug Id	Bug Description	Fix Description
34113719	SR: 3-29375632721 RFR report new changes deployment required to be done through PE team.	Fix has been provided, packages are changed for RFR report rptfr_em_100_01
33957201	Following issues are noticed: 1.Entity number is missing in Event Log and Event Actions tab for event actions with status as Criteria Not Met 2. Entity number is missing for Securitization entity 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.

5. Patch Release 14.12.0.0.3

5.1 Enhancements

Ref No.	Enhancement	Description
NA	NA	NA

5.2 Seed Data changes for Impacted Bugs

NA

5.3 Patches and Bugs

Bug Id	Bug Description	Fix Description
34394726	<p>SR: 3-30144699011</p> <p>The XVL_DUE_DAY_CUR API edit for weekly still runs for post-maturity accounts unlike monthly accounts.</p> <p>This leads to a situation where, if account is post maturity and ACC_DUE_DT_NEXT = DT_MAX, the edit is not evaluated at all for monthly accounts, But still evaluated for weekly accounts.</p>	<p>Fix has been provided such that the API edit 'XVL: DUE DAY CUR VS DUE DT NXT, MATURITY DT CUR' is not triggered during migration while running the validation Batch Job.</p>
34293983	<p>SR: 3-29849003871</p> <p>In Account Onboarding Web Service request, the 'Source Code' field is not getting populated in Servicing "Accounts" table.</p>	<p>Fix has been provided such that in the request, acc_app_source_cd is passed to ACCOUNTS table from IAPPLICATIONS for loan, line and lease accounts created Account Onboarding Web Service.</p>
34022797	<p>SR: 3-29070612451</p> <p>Lease Account Onboarding Web Service, the Rate Change Frequency is not working for other than BILL option.</p>	<p>Fix has been provided such that the Rate change frequency code was missing for line and lease, and the same is added.</p>
34433436	<p>SR: 3-30234939021</p> <p>Metro process fails to create records in METRO_II_DATA table due to an account skipped while processing > ORA-00937: not a single-group group function.</p>	<p>Fix has been provided to rectify the error which causing Metro process fails to create records in METRO_II_DATA table.</p>
34282745	<p>SR: 3-29802628318</p> <p>The lookup type seed data is missing for 'ACC_DELETE_REASON_CD' in OFSLL14.12 PS1</p>	<p>Fix has been provided by adding 'ACC_DELETE_REASON_CD' seed data in lookup_types.dat</p>
34231276	<p>SR: 3-29675172061</p> <p>System allows to create more than one collateral with 'PRIMARY INDICATOR' as 'Y' which ideally should not be permitted.</p>	<p>Fix has been provided such that in the edits_details.dat, seed data for the lease duplicate indicator has been added to validate the scenario.</p>
34198496	<p>SR: 3-29590018821</p> <p>The billing run date next (ACC_DDT_RUN_DT_NEXT) population used to happen based on APP_PREBILL_DAYS field which was derived from the contracts setup. But after 14.12 ps1 upgrade, this field is derived based on a new field in API_ACCOUNTS table which is problematic.</p>	<p>Fix has been provided such that ACC_DDT_RUN_DT_NEXT is populated ng based on the contract.</p>

Bug Id	Bug Description	Fix Description
33426365	<p>SR: 3-27248118411</p> <p>The Interest Accrual and Principal billed value is computed incorrectly when reversal and reposting of Billing (Due Bills) occurs due to backdated Advance posting.</p> <p>Ideally Interest accrual/Principal Billed should not be different in reversal and reposting of bills as Balances, Bill Cycle, and Advance posted matches.</p>	<p>Fix has been provided to update the amount in INT_BILL transaction, along with latest CTD/YTD code.</p>
33794455	<p>SR: 3-28419834291</p> <p>Not able to migrate Account references (AAR) data as part of conversion (API) process.</p>	<p>Fix has been provided such that migrated account contains Reference data as available in the base account.</p>
34279961	<p>SR: 3-29802628281</p> <p>Account Delete API is giving error after 14.12 PS1 upgrade</p>	<p>Fix has been provided by adding the missing column in X_CRED_DATA_POINT_SCORES and OCRED_DATA_POINT_SCORES such that system deletes account data for the account number passed without throwing any error message.</p>
34287153	<p>SR: 3-29818854221</p> <p>Revenue value calculation is happening even after the Lease Maturity i.e. when the TAM job for full lease cycle is run, it is observed that system calculates the revenue even after the maturity date.</p>	<p>Fix has been provided such that the Revenue value calculation will not happen after the Lease Maturity Date.</p>
33743615	<p>SR: 3-28246747911</p> <p>There is a need to have an OUTBOUND event message (JMS/Webhook) for the Payoff transaction posting on the account.</p>	<p>Fix has been provided with a detailed approach. Refer to Events for Payoff Quote Transaction section.</p>

6. Patch Release 14.12.0.0.4

6.1 Enhancements

Ref No.	Enhancement	Description
NA	NA	NA

6.2 Seed Data changes for Impacted Bugs

NA

6.3 Patches and Bugs

Bug Id	Bug Description	Fix Description
34599632	<p>SR: 3-30636141741</p> <p>On changing the EFX Bureau Auth Id/PW the same is not reflected in Weblogic under EFXUserNamePassword key. The same value has to be manually updated in WebLogic.</p>	<p>Fix has been provided such that after changing the EFX Bureau Auth Id/PW, system updates the weblogic automatically.</p> <p>Note: <i>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.</i></p>
34595395	<p>SR: 3-30625476011</p> <p>Swagger Documentation Issue – Web Services are missing in Swagger post upgrade to 14.12- PS3</p>	<p>Fix has been provided by modifying the imports in the respective java file. Now Swagger documentation is correct and below web service are available in Swagger URLs and working fine.</p> <p>a). Update Account UDF Service - /servicing/account/udf</p> <p>b). Simple Application web service - /origination/simpleapplication</p>
34590831	<p>SR: 3-30612863851</p> <p>For lease accounts with agreement type as RENTAL and calculation method as AMORTIZED, after calculating the RENTAL CHARGE the amount is not added to the last bill (during maturity).</p>	<p>Fix has been provided with code changes to check if account due date next is lesser than or equal to the maturity date instead of not equal to. Now that the maturity bill is generated with proper amount.</p>
34582876	<p>SR: 3-30583229591</p> <p>The 'EthnicCode' tag is available in "Application Create web service" but missing in "Application Update web service" call. Also some other fields are missing in "Application Update web service".</p>	<p>Fix has been provided by adding the missing fields in Application Update web service and removed Initials field as it's a duplicate field of Generation Code in Application Create web service. Also verified that web services are working fine.</p>
34569206	<p>SR: 3-30558528971</p> <p>The Criteria Based Condition to post the Auto Evergreen on maturity date of the account is not working for criteria value as \$GLDATE</p>	<p>Fix has been provided such that the Criteria Based Condition for \$GLDATE is working as expected.</p>

Bug Id	Bug Description	Fix Description
34544231	<p>SR: 3-30501810341</p> <p>When additional applicant (such as secondary/spouse) is added to the application via Application update Web service and same SSN is provided (as of Primary applicant) then the Application update Web service updates "Primary" applicant record to "Spouse/Secondary".</p> <p>As a result, when such application is queried by using "Application Details" web service, system displays "500 Internal server error".</p>	<p>If additional applicant (SPOUSE/SECONDARY) is added to an application, then SSN should be different from PRIMARY applicant. However, when same SSN is used, fix has been provided such that system will go-ahead and updates that specific record. Then if the application is fetched using Get Application details web service, a valid error message is thrown.</p> <p>Note: <i>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.</i></p>
34175567	<p>SR: 3-29516014011</p> <p>In Lease Calculator, the Rent charge value does not match between UI and web-service call when the calculation method is AMORTIZED for calculating the payment.</p>	<p>Fix has been provided such that the rent charge value in the web-service matches with the UI value.</p> <p>Also verified this behaviour in Rent value for Amortized, Interest Rate and Rent Factor Lease calculation methods for calculating payment amount through UI and web service.</p>
34198496	<p>SR: 3-29590018821</p> <p>During account migration, the ACC_DDT_RUN_DT_NEXT is calculated correctly when ACC_PREBILL_DAYS_CUR is passed as NULL.</p> <p>However, by default the field ACC_PREBILL_DAYS_CUR itself is NULL and remains NULL even in the servicing tables.</p> <p>On running the billing batch job (TXNDDT_BJ_100_01) on this account, the batch goes into an infinite loop.</p>	<p>Fix has been provided such that if ACC_PREBILL_DAYS_CUR is given as NULL in the dat file then the initialization of the ACC_PREBILL_DAYS_CUR will be done from contract.</p> <p>Note: <i>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.</i></p>
34232110	<p>SR: 3-29680972531</p> <p>The batch job TAMPRC is not calculating the amortization values when the prebilling days are non-zero.</p>	<p>Fix has been provided to calculate the amortization values when pre-bill days are non-zero and due date as 1. Now system considers the pre-bill days while amortizing using AMZ_SCH calculation method.</p>
34287338	<p>SR: 3-29819753411</p> <p>Lease Calculator - Repayment Schedule gives error on passing all the term numbers.</p>	<p>Fix has been provided such that the Tools > Lease Calculator is working as expected and can calculate the Repayment Schedule without any error.</p>

Bug Id	Bug Description	Fix Description
34401559	SR: 3-30156609971 Excess payment not getting tracked in Lease Payment transactions.	Fix has been provided such that the Excess Amount is shown as Credit in Transaction > Balances, on Maturity and Terminate account.
34431779	SR: 3-30154550961 Payment allocation after the Termination is not happening as per the defined Spread.	Fix has been provided such that the Balances are appearing properly as per the defined spread.
34479525	SR: 3-30322972721 Post migration, system calculates the ACC_DDT_RUN_DT_LAST incorrectly. Also ABL_BAL_ABL is calculated on ABL_BAL_OPEN_CTD, which should be calculated on net balance.	Fix has been provided such that, pre bill days is not included while calculation of the billing run date last. ABL_BAL_ABL is calculated on Net balance on ADV, the formula that is often used for calculating net balance i.e. (ABL_BAL_OPEN_CTD (open balance) - ABL_BAL_PD_CTD (paid balance) - ABL_BAL_WAIVED_CTD - ABL_BAL_CHGOFF_OPEN_CTD - ABL_BAL_ADJUSTED_MINUS_CTD + ABL_BAL_ADJUSTED_PLUS_CTD.
34480199	SR: 3-30332073381 The Producer Name tag in "Producer Create" web service does not accept more than 30 characters. However the database allows to store producer name with max 80.	Fix has been provided by increasing the max length up to 80 for Producer Name field.
34503575	SR: 3-30391627701 The Producer update web service updates the Producer table UDF Fields as NULL when not specified in the web service request. Ideally if the UDF field is not specified in the request, it should not be touched by the Update WS.	Fix has been provided such that for all UDF fields if request has NULL value then the UDF column is updated with the UDF column value itself.
34582902	SR: 3-30575107301 In the Scoring Model Range Definition Setup Screen, system does not allow to enter negative value and decimal value	Fix has been provided by adding the maxFractionDigits to accept decimals and also changed the minimum range value from 0 to -999999999.
34476010	SR: 3-30300169491 The link NextgenUI to new OFSLL interface fails to launch the page displaying session expired message. Even if the required system parameters is set i.e FLL_CMN_JET_JWT_ENABLED_IND Y.	Fix has been provided by adding the missing seed data in upgrade_seed_data_system_14_12_0_0_4.sql to resolve the issue.

Bug Id	Bug Description	Fix Description
34505017	SR: 3-30396378791 Currently there is an upper limit set to capture max amount as 999999999.99. In case of vehicle loan, the amount will start in billions which we cannot be handled. Hence request to increase the max amount limit.	Fix has been done by increasing the max amount field limit from 999999999.99 to 999999999999.99.
34512512	SR: 3-30409311011 In Setup > Pricing screen, system always list by 'ALL' category for Asset class field under selection criteria. It does not list other values such as New Vehicle or Used Vehicle.	Fix has been provided in Pricing screen's Asset Class drop-down list to list the selection criteria based on specific values for all loan, line and lease product types.

7. Patch Release 14.12.0.0.5

7.1 Enhancements

Ref No.	Enhancement	Description
NA	Stub / Broken Period Billing / Fiscal Period Billing	If billing refers to contract structures where the billing cycles are aligned with the customer's fiscal periods (can be Feb 1, Jun 1 etc.), the customer bills are expected to align with the billing cycles after the Account is onboard at the earliest.
NA	Evergreen Lease Enhancement	Following enhancements are handled as part of this requirement: Currently, OFSLL supports posting of 'Evergreen' automatically only once during life of Account. With the current changes, system has the ability to auto-post the transaction till the lease contract is terminated, and also user can manually post multiple evergreen transactions.
NA	Web Services	New Web Services: <ul style="list-style-type: none">○ Payment Arrangement○ Bankruptcy Details Changes to Existing Web Services: <ul style="list-style-type: none">○ Account Tracking Attribute Fetch○ Application Search○ Account Details

7.2 Stub Period Billing

7.2.1 Overview

- Fiscal Year billing leads to stub period billing, also called Broken Period billing.
- Customer Fiscal Period billing refers to contract structures where the billing cycles are aligned with the customer's fiscal periods (can be Feb 1, Jun 1 etc.), and the customer is billed at the start of a given period (could be the year, quarter, semi-annual and/or month).
- The stub periods may not follow any billing cycles, and they can be any number of days, e.g., 38 days, 45 days, etc.
- Stub periods can be at the start and end periods of the Contract, and the leasing industry has the practice of identifying the stub periods only at the beginning of the Contract.
- To support this, the proposal is to bring a new parameter, 'Maturity Dt Basis'.

7.2.2 Description

- The following changes are taken up to support 'Stub/Broken' Period billing.

7.2.3 Stub Billing/ Broken Period Billing

Changes in Setup > Contract > Lease

- Currently, OFSLL calculates the 'Maturity Date' on First Payment Date Basis, and this enhancement calculates the maturity date from the 'Contract Date' or 'First Payment Date' based on selection.
- A new drop-down called 'Maturity Dt Basis' and 'Prorate Stub Pmt' flag is introduced.
- These flags are enabled for selection for calculation method = Lease → Amortized.

Setup > Lease > Contract Screen (Amortized Method):

Field Name	Description	Data Type	Field Type	Default	Comments
Maturity Dt Basis	Indicates the basis of calculating maturity date, i.e., contract date or first payment date.	Varchar	Lookup	Payment	<p>The system derives the maturity date based on the field selection, and this value, in turn, will impact the calculation of the 'Lease Closing Date'.</p> <p>Stub periods can be at the start and end periods of the Contract, and also leasing industry has the practice of identifying the stub periods only at the beginning of the Contract.</p> <p>If the maturity date basis is 'Payment Date', the last bill will always have full payment days in the cycle, and no stub is applicable.</p> <p>If the maturity date basis is 'Effective Date', the first and last bills will have stub days.</p>
Prorate Stub Pmt	Indicates whether the interest on the stub/broken period is to be collected on prorated basis or the full amount applicable for the selected cycle.	Boolean	Checkbox	Prorate	<p>Currently, the system prorates the interest rate by calculating the number of days in the cycle until the next billing date.</p> <p>With this new feature, the system charges the interest either for the whole period or prorated based on the flag selected.</p>

The screenshot displays a complex configuration interface for lease instruments. Key sections include:

- Instruments:** Lease AMORTIZE ADV QUARTERLY, Description LEASE AMORTIZE ADV, Start Dt 06/13/2000, End Dt 12/31/4000, Enabled
- Selection Criteria:** Company NLO1, Branch ALL, Calculation Method AMORTIZED, Billing Cycle QUARTERLY, Agreement Type UNDEFINED, Product ALL, State ALL, Currency ELRD, Pricing ALL
- Accrual:** Rent Accrual Method AMORTIZED, Base Method 30/360, Start Dt Basis EFFECTIVE DATE, Maturity Dt Basis PAYMENT DATE (highlighted with a red box), Time Counting Method ACTUAL DAYS, Installment Method EQUATED PAYMENTS, Int Amortization Freq EVERY BILLING CY
- Amortized:** Compounding Yield Freq MONTHLY, Amz Tm Calc Basis MONTH END BASE
- Capitalization:** Cycle Based Collection Late Fee , Cycle Based Late Fee , Cycle Based Collection Late Fee Grace Days 0, Cycle Based Late Fee Grace Days 0
- Debit:** Due Day Min 1, Due Day Max 31, Max Due Day Change / Year 2, Max Due Day Change / Life 5, Pre Tolerance Amt 10, Pre Tolerance % 5, Promise Tolerance Amt 0, Promise Tolerance % 0
- Delinquency:** Late Charge Grace Days 10, Stop Accrual Days 9999, Delq Grace Days 5, Time Bar Years 999, Cure Letter Gen Days 999, Cure Letter 18d Days 0, Delq Category Method DAYS, Accrual Post Maturity
- Cycle Based Fees:** Cycle Based Collection Late Fee , Cycle Based Late Fee , Cycle Based Collection Late Fee Grace Days 0, Cycle Based Late Fee Grace Days 0
- Depreciation:** Lease Type OPERATING, Tax Book Type (dropdown), Depreciation Method UNDEFINED, Depreciation Convention MONTHLY, Base Rate 0.00, Adjusting Rate 0.00, Bonus Rate 0.00, Depreciation Rate 0.00
- Tax:** Sales Tax Mode UPFRONT (CAPITI), Sales Tax Method PURCHASE PRICE
- Early Termination:** Allowed To Terminate , Billed Term 2, Lease Amt Recovered % 0.00, Lease Recovery Type PROPORTIONATE
- Ever Green Details:** Auto Post & Renew on Maturity , Number of Unpaid Bills 0, Unpaid Bills % 0.00, Prent Amount Method % ON MATURITY, Prent Value 100.00, Grace Days 0, Evergreen Term 9999, Residual Reduction % 100.00
- Residual Details:** Minimum Residual % 5
- Extension:** Max Extn Period / Life 4, Max # Extn / Life 8, Minimum # Payments 0
- Rate Cap And Adjustments:** Max Rate Inc / Year 2, Max Rate Dec / Life 5, Max Rate Dec / Year 2, Max # of Adjust / Year 2, Max # of Adjust / Life 5, Min Int Rate (Floor) 0.00, Max Int Rate (Ceiling) 35.00
- Statement:** Mock Statement Req , Mock Start Month JANUARY, Mock Statement Cycles, Mock Pre Statement Days, Stmt Preference Mode PHYSICAL
- Other:** Rent Collection Method ADVANCE, No. of Advance Payments 1, Advance Payment Method START TERM, Refund Allowed , Refund Tolerance Amt 0.00, Anniversary Period 0, Contract Expir / Letter Days 30, Writeoff Tolerance Amt 0.0000, Recourse , Max Recourse % 0.0000, Regmt Currency ALL

Calculator Changes for Lease

The following figure explains the changes taken in Lease calculator → Amortized Method.

NOTE: The image indicates the recommended changes in the screen and ignore the numbers shown in the prototype.

Introduced new fields as follows for the calculation method as 'Amortized':

Block	Field Name	Description	Data Type	Field Type	Default	Comments
Amortization Details Block	#Days	Indicates the no. of days in the given cycle.	Number	Read-only	Billing cycle frequency	This field prints days based on 'Day Count' selection like 30/360 etc.,

Block	Field Name	Description	Data Type	Field Type	Default	Comments
Calculator Header	Maturity Dt Basis	Indicates the basis of calculating maturity date, i.e., Effective date or First payment date.	Varchar	Lookup	Payment	<p>The system derives the maturity date based on the field selection, and this value, in turn, will impact the calculation of the 'Lease Closing Date'.</p> <p>Origination/ Standalone Calculator → This flag is editable.</p> <p>If the contract date and first payment date are the same, system defaults the value to 'Payment Date' and is disabled for selection. This flag is enabled for selection only if these two values are different.</p>

Block	Field Name	Description	Data Type	Field Type	Default	Comments
Calculator Header	Prorate Stub Pmt	Indicates whether Rent has to be prorated for the period or collected for the whole cycle.	Number	Check Box (Read only)	Yes	<p>Origination Calculator → This flag takes the reference from the Setup.</p> <p>Standalone Calculator → This flag is editable.</p> <p>If the contract date and first payment date are the same, system defaults value to 'Prorate = Y' and is disabled for selection. This flag is enabled for selection only if these two values are different.</p>
Amortization Details Block	Stub Period	Indicates the row is stub period or not	Number	Read-only	NA	<p>If the no. of days is not standard cycle days, system displays the flag as Y, and in all other cases, it should be N.</p> <p>System calculates this value based on the difference between the contract date and the first payment date.</p>

Lease Calculator

Parameters

Calculate Payment
 Calculate Interest Rate
 Calculate Term
 Calculate Lease Amount

* Calc Method: AMORTIZED
 * Contract Dt: 01/15/2022
 * First Pmt Dt: 05/01/2022
 Maturity Dt Base: EFFECTIVE DATE
 Maturity Dt: 05/01/2025
 Lease Closing Date: 01/15/2027
 Gross Capitalized Cost: 60,000.00
 Capitalized Cost Reduction: 0.00
 Adjusted Capitalized Cost: 60,000.00
 Residual Value(-): 6,000.00
 Residual %: 10.0000
 Depreciation Value (+): 54,000.00

Rent Charge (+): 6,948.11
 * Rate: 4.9900
 Total of Base Pmts (+): 60,948.11
 * Term: 5
 Base Payment (+): 12,189.62
 * Balloon Pmt Amt: 0.00
 Prorate Stub Pmt:

* Billing Cycle: ANNUAL
 * Balloon Method: N + 1 PMTS
 * Accrual Base Method: 30/360
 * Time Counting Method: ACTUAL DAYS
 * Installment Method: EQUATED PAYMENTS
 * Bill Method: LEVEL
 * Accrual Start Dt Base: EFFECTIVE DATE
 Accrual Start Days: 0

* Rent Collection Method: ADVANCE

Calendar Days: 106
 Interest: 828.8300

Repayment Options

Flexible Repayment Allowed:
 Type: UNDEFINED
 Skip Months: Jan Feb Mar Apr
 May Jun Jul Aug
 Sep Oct Nov Dec

Repayment Schedule

Seq	Pmt Dt	Pmt Amt	# of Payments Generated
1	12,189.62	5	1

Amortization Schedule

Seq	Pmt Dt	Pmt Amt	Lease Receivable	Income	Balance Amt	# Days Stub Period
1	04/15/2022	3,989.34	2,290.28	828.83	57,298.62	366 N
2	05/01/2022	12,189.62	9,941.62	2,248.00	47,298.05	360 N
3	05/01/2023	12,189.62	10,437.71	1,751.91	36,860.34	360 N
4	05/01/2024	12,189.62	10,938.35	1,215.07	25,921.79	360 N
5	05/01/2025	12,189.62	11,505.38	684.24	14,396.41	360 N
6	05/01/2026	8,600.46	8,396.40	204.06	6,000.01	254 Y

Following EDIT will not be fired in the funding stage and does not raise an error in the Calculator, and allows the user to input the 'First Payment Date.'

- XVL: NO. OF ADVANCES MUST BE SYNC WITH 1ST PAYMENT DATE
- If 'Rent Collection Method' = **Arrears** → System calculates the no. of days from 'Contract Date' to 'First Payment date' and if the days between this period is a non-standard billing cycle days; then it is called stub period/broken period.
- If 'Rent Collection Method' = **Advance** and if the **Contract Date is different from the first payment date**, system generates first bill based on the contract date and subsequent bill will be generated based on the first payment date. Stub days will be calculated based on the difference between Contract and first payment date.
 - While doing this, if the pre-bill days defined in the Contract are more than the days calculated as difference between Contract and first payment date, system generates the bill on contract day itself (ignoring the pre-bill days).
- If Pre-bill days is less than total no. of days between first bill and 2nd bill; system generates 2 bills on same day and generate statement.

Example

Lease Annual Contract:

A 5-year lease Starting Date 15-Apr-2017, and the customer fiscal year starts on 01-Feb and wishes the billing to be aligned with their financial year:

- Payment 1 covers 15-Apr-2017 to 31-Jan-2018 (prorated based on the number of days).
- Payments 2, 3, 4, 5 cover the periods of 01-Feb to 31-Jan of the consecutive years.
- Payment 6 covers the period of 01-Feb-2022 to 14-Apr-2022 (prorated based on the number of days).
- During the evergreen, the first term is billed for the period of maturity date and the next fiscal filling date. There after regular payments are due for every fiscal. The last term is billed for the end of the last fiscal bill and the maturity date.

More examples for stub period are documented in the attachment (for different cycles):



Arrears
Calculations.xlsx



Advance
Calculations.xlsx

7.2.4 Impact Handling

Changes to existing fields and new fields introduced in the following **Screens (Maturity Dt Basis & Prorate Stub Pmt)**:

Setup > Contract > Lease > Amortized > New flags for selection

Origination

- Funding Screen > Contract Header Block > Read Only and value derived from Setup.
- First Payment Date is editable field and accepts different input from the contract date, if the calculation type = Amortized.
- If Contract Date and First Payment Date are same, disabled the following fields:
 - Maturity Date Basis and Prorate Stub Pmt

Lease Calculator

Decision/Funding Screen > Calculate Payment, Calculate Rate, Calculate Term, Calculate Lease Amount (Read Only and value derived from Setup).

- Reference of the field information → Maturity Dt Basis and Prorate Stub Pmt → taken from Contract.
- First Payment Date is editable field and accepts different input from the contract date, if the calculation type = Amortized.

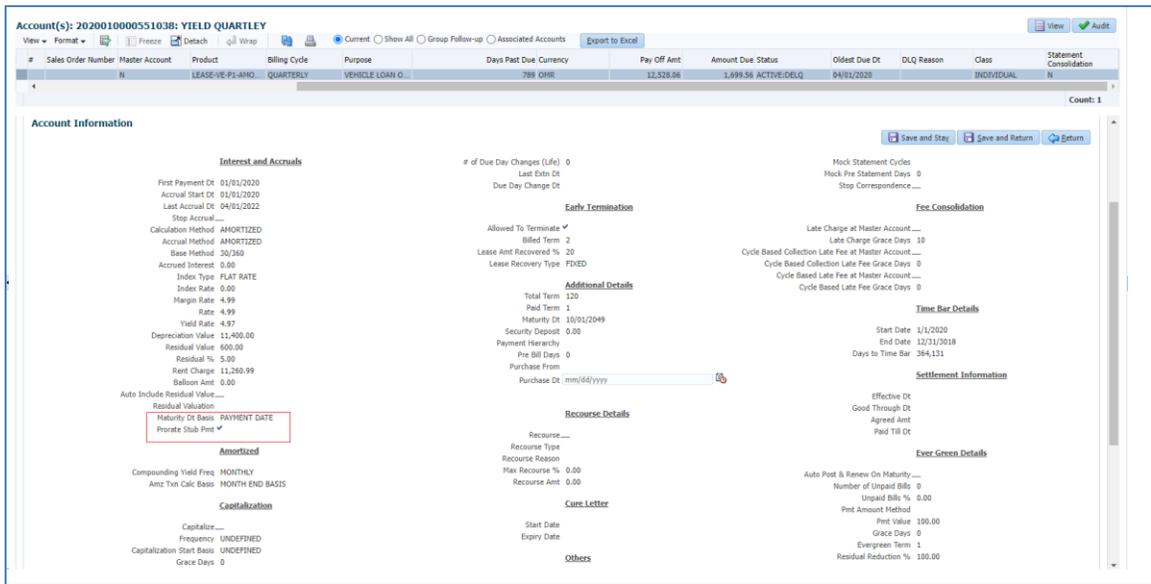
Stand-alone Lease Calculator

Amortized Method > Calculate Payment, Calculate Rate, Calculate Term, Calculate Lease Amount (Read Only and value derived from Setup).

- In stand-alone Calculator the new fields > Maturity Dt Basis and Prorate Stub Pmt > Both takes reference from lookup and enabled for selection.

Servicing

- Account Details > Account Information & Contract Information Blocks.
- Repayment Schedule block have new columns # **Days & Stub Period**.



EDITS

Origination → Funding, Web services & Conversion:

Introduced new edits to validate the values provided in the new fields and these EDITS are applicable only for AMORTIZED lease:

Edit Sub type	Edit	Result	Enabled	Value	Override Responsibility	System Defined
ORIGINATION & On boarding EDITS	XVL: NUMBER OF DAYS BETWEEN CONTRACT DATE & FIRST PAYMENT DATE CANNOT BE GREATER THAN BILLING FREQUENCY DATE.	Error	Y	NA	No Responsibility	Y

Web services, Conversion, X-Tables

In Account on boarding service and Application Entry services:

- These services refers the Contract and stamp the maturity date with reference to 'Maturity Dt Basis'; unless explicitly provided as input.
 - Conversion EDITS will be triggered as mentioned above.
- Handled the impact of new fields in conversion and X tables.

7.2.5 Seed Data

SI	TABLE	KEY DATA	TYPE
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1	EDIT_DETAILS	CNLSCE_CON_EDIT_01 XVL_CON_1ST_PMT_DT_BILLFR EQ_DT ERROR UNDEFINED ORG- CONTRACT ECO_EDIT_CD CNB_CON_LEASE NA Y N CNLSCE_ACX_EDIT_01 XVL_CON_1ST_PMT_DT_BILLFR EQ_DT ERROR UNDEFINED API-ACX- ACCOUNT ECO_EDIT_CD CNB_CON_LEASE NA Y N CNLSCE_API_EDIT_01 XVL_CON_1ST_PMT_DT_BILLFRE Q_DT ERROR UNDEFINED API- ACCOUNT ACO_EDIT_CD API_CON_LEASE NA Y N	INSERT
2	FLEX_TABLE_ATTRIBUTES	CNB_CON_LEASE XVL_CON_1ST_PMT_DT_BILLFREQ_D T 13027 XVL : NO OF DAYS BETWEEN CONTRACT DT AND 1ST PMT DT CANT BE > BILL FREQ NUMBER LIKE 0 22 UNDEFINED UNDEFINED N Y N API_CON_LEASE XVL_CON_1ST_PMT_DT_BILLFREQ_D T 13024 XVL : NO OF DAYS BETWEEN CONTRACT DT AND 1ST PMT DT CANT BE > BILL FREQ NUMBER LIKE 0 22 UNDEFINED UNDEFINED N Y N	INSERT
3	LOOKUPS	MATURITY_DT_BASIS_CD P 0 PAYMENT DATE Y Y MATURITY_DT_BASIS_CD E 1 EFFECTIVE DATE Y Y	INSERT

7.3 Evergreen Lease Enhancement

7.3.1 Overview

- Evergreen will help the lessor to collect Rent on totally depreciated assets or helps continue to collect the same Rent as before the maturity, avoiding any rent reduction due to wear and tear of an asset.
- Once the contracts enter into evergreen terms, the contracts will be able to renew automatically for specific terms without any user intervention. The users will be able to specify the number of payments for which the Contract must be renewed during evergreen.
- Following enhancements are handled as part of this requirement:
- Currently, OFSLL supports posting of 'Evergreen' automatically only once during life of Account. With the current changes, system has the ability to auto-post the transaction till the lease contract is terminated, and also user can manually post multiple evergreen transactions.

7.3.2 Description

- Evergreen is an existing facility supported in OFSLL.
- System can auto-post evergreen transactions based on contract parameters.
- Users can post the evergreen transaction manually by posting the monetary transaction.
- Proposed changes have an impact on contract parameters as well as a monetary transaction, handled as part of the enhancements.

7.3.3 Setup Contract Changes

- Existing flag 'Auto Post on Maturity'(old label name) indicates that the system will post an 'Evergreen' transaction on the Account; on the maturity date of the lease, but this action happens only once.

- Change the default values in the Setup and introduce a new flag, as shown in the picture.
- Show Asterisk (mandatory) against all fields if the 'Auto Post & Renew on Maturity' flag is selected.
 - **Note:** Existing customers who are upgrading to the latest version of OFSLL, expected to maintain the information in the 'Evergreen Details' block operationally. No upgrade scripts are provided as part of this enhancement.
- System disables all the fields in the evergreen block if the 'Auto Post & Renew on Maturity' flag is unselected. Any defined values in this section will be set to a default value, upon un-selection.
- Residual reduction parameter accepts numerical value with 2 decimal; min as zero and max of 100.
 - This parameter indicates that how much residual value has to be reduced while posting 'Evergreen' transaction.
 - **Example:** If the residual value of asset =1000 and this parameter indicates that residual adjustment % =100; system has to make the residual value as ZERO.

7.3.4 New Monetary Transaction → 'Residual Reduction'

A new monetary transaction introduced as follows:

Txn Code	Desc	Group	Txn/Bal Type	Batch	Manual	GL	Event	Recalc Master Txns
LS_RESIDU AL_MAINT	Lease Residual Maintenance	RENT	None	Y	Y	Y	N	N

Transaction Parameters:

Parameter Code	Default Value	Sort	Displayed	Required	Comments
DATE	GL Date	1	Y	Y	
RESIDUAL %	100	2	Y	Y	Indicates the % of residual reduction to be done.
COMMENT		3	Y	N	

Note the following:

- The monetary txn 'Residual Maintenance' can be posted to reduce the balance of residual (Using this txn, user cannot increase the residual value).
- On posting of this txn manually, residual value will be reduced and no impact on repayment schedule or amortization schedule of the lease account. Any intended adjustment of payment in repayment schedule etc., is expected to be handled manually by posting necessary transactions.

Batch Job Changes:

- Existing Batch job → SET-TPE → TXNEGC_BJ_121_01→ POST MATURITY EVER GREEN TRANSACTION PROCESSING updated to handle 'Auto Renew' evergreen on accounts.
 - This batch job is enhanced to post the evergreen transaction again on same Account automatically upon the completion of evergreen period specified in the Contract.
- A new balance and monetary transaction 'Evergreen Rent' is defined.
- The new balance 'Evergreen Rent' (Balance group is similar to 'Rent' group) is available.
 - Impact on the Payoff Quote and Termination txn, due to this new balance 'Evergreen Rent'.
 - If the Account has any outstanding balance before termination, system groups the balance to 'Lease Receivables' and shows under 'Terminate' balances radio button.
 - Similarly, if the ever green Rent is posted and outstanding balance is remained on the Account, system shows the 'Evergreen Rent' as separate balance after termination.

7.3.5 Changes to existing transaction: Evergreen Maintenance Txn

Introduced a new parameter to update the contract parameter 'Residual Reduction %'.

Behaviour on successful posting of evergreen transaction (Auto post by batch job).

- When the evergreen transaction is posted on the Account and 'Evergreen period bill' is generated; system posts transaction called 'Evergreen' with the amount specified in Setup or monetary transaction.
 - If account type = IBL/Amortized → Inserts a row in Repayment schedule header details.
 - System does not post the entry in the 'Repayment Details' block; even if the nature of Account is amortized.
 - So, even if the account nature is amortized; after posting evergreen, the billing batch job starts generating the bills like IBL accounts.
- Maturity date of the Account is adjusted to new date, based on the period specified as evergreen.
- No impact or amount to be posted for Lease Receivables/ Rent/Interest Balances.
- System posts the amount against 'Evergreen Rent' balance; only when the bill is generated.
- If the Evergreen transaction is auto-triggered by batch job, system does the following:

- System posts a child transaction (triggered by Evergreen txn) called 'Residual Reduction' with the parameters in the transaction referred from the contract setup.
 - Date = Same as Evergreen txn Date
 - Residual Reduction % = Refer from contract setup
 - Comments = Auto posted by system
- 'Residual Reduction' transaction is posted by the system, only on the first time, the batch job (SET-TPE → TXNEGC_BJ_121_01) triggers the evergreen on the Account.
- 'Residual Reduction' transaction will not be posted by the system during auto-renewal of evergreen i.e, if Evergreen transaction is already posted on the Account earlier (Ensure the earlier transaction was not reversed).
- In case of reversal of evergreen transaction, the child transaction 'Residual Reduction' is auto-reversed (if auto-posted by system).

Behaviour on successful posting of evergreen transaction (Manual Entry)

- The behaviour of the transaction is same as batch, except the following:
- System will not 'Auto Post the child txn → Residual Reduction'; which means if user want to adjust any residual value on Account, user is expected to post this transaction manually.

Servicing Impact Handling

In the following picture, 1st row of repayment schedule indicates the 'Contracted Lease Term' and 2nd row indicates 'Evergreen Term' (Automatically/ Manually posted).

- System creates a new row of record, when evergreen transaction posted, and system continues to bill the customer for specified term in evergreen.
- This change is handled for Interest Bearing & Amortized Method.
- System posts a condition on the account 'Evergreen' on Account, on successful posting of transaction by the batch job.
 - User is expected to close the condition 'Evergreen' manually, on posting of termination.
- For Amortized Method, system inserts new row in 'Repayment Schedule Details' block also. (Currently, system overwriting the existing row of evergreen).

The screenshot shows a software interface with a 'Repayment Schedule' table. The table has columns for 'Seq Date', '# of Pmts', and 'Pmt Amt Generated'. The first row shows a sequence date of 02/01/2020 with 24 payments and a pmt amount of 1,001.35 Y. The second row shows a sequence date of 02/01/2022 with 10 payments and a pmt amount of 1,448.95 Y.

Seq Date	# of Pmts	Pmt Amt Generated
1 02/01/2020	24	1,001.35 Y
2 02/01/2022	10	1,448.95 Y

Migration/Conversion/Webservice Impact

- There could be some impact on existing customers, where the Account on which evergreen is already posted; till the date, system would have posted 'Lease Receivables' balance on posting of evergreen itself. This case, user is expected to post 'Lease receivables adjustment minus' transaction operationally.
- Any GL impact is handled outside OFSLL.
- The propagation of this new field residual reduction % from Setup for accounts created through conversion (Contract and Account Details) and webservice.

- Information is provided in the following webservice (New tags):
 - GET Application Details Service
 - GET Account Detail Service
 - POST Application Contract Service
 - POST Account Onboarding Service (Synchronous & Asynchronous)

<u>Ever Green Details</u>	
Auto Post On Maturity	___
Number of Unpaid Bills	0
Unpaid Bills %	0.00
Pmt Amount Method	
Value	100.00
Grace Days	0
Evergreen Term	1

Assumptions:

- If the system posts the 'Evergreen' transaction on account, by successfully validating the contract parameters like 'Bills Paid' and subsequently any payment of the past is reversed, user is expected to reverse the 'Evergreen' transaction manually (if required).
- Prorating of evergreen is not possible.
- User must operationally reverse the evergreen transactions in a sequence like newest first.
- **Example 1:** If the user posted the evergreen for 12 months and on mid of 11th-month cycle if user posts the termination txn, i.e., before generating the next bill considering the pre-bill days, system doesn't bill for a prorated period and no bill will be generated for 12 months.
- **Example 2:** If a user posts the evergreen for 12 months and on mid of 11th-month cycle, if user posts the termination txn i.e., after generating the next bill considering the pre-bill days, system expects the user to pay for the generated bill. Reversal of generated bill is not possible.
- When any transaction backdate to extension is posted (Evergreen transaction belongs to EXT group), the existing billings transactions (DDT) created after the maturity date are reversed but not reposted automatically. Those billings will be picked by the EOD batch of DDT when the reversal of extension happens.

Origination & Servicing Changes

Origination > Funding > Contract Information tab: Introduce new fields of 'Ever Green Details' > Under Contract 2 in display mode.

Other Details

Servicing Branch CANADA BRANCH Collector NAVEEN REDDY Funder Misc Statement Consolidation ___ Link To Existing Customer ___ Anniversary Period 0 Default Pmt Spread ACTIVE SPREAD-LEASE HHDA Lien Status HOEPA ORIGINATED OR PURCHASED- NOT HOEPA Rate Spread 0.0000 Others 1st Pmt Deduction ___ Days 0 1st Pmt Refund ___ Days 0 PrePmt Penalty ___ % of Term for Penalty 0 Pay Off Fee ___ Rebate Rebate Method ACT Rebate Term Method NEAREST CURRENT CYCLE Rebate Min Fin Chg Method UNDEFINED	Rebate Min Fin Chg Value 0 Acquisition Charge Amt 0.00 Tolerance Refund Allowed <input checked="" type="checkbox"/> Refund Tolerance 0 Pmt Tolerance Amt 1 Pmt Tolerance % 95 Promise Tolerance Amt 1 Promise Tolerance % 95 Writeoff Tolerance 0 Delinquency Late Charge Grace Days 10 Delq Grace Days 5 Delq Category Method DAYS Time-Bar Years 999 Cycle Based Fees Cycle Based Collection Late Fee ___ Cycle Based Late Fee ___ Cycle Based Collection Late Fee Grace Days 0 Cycle Based Late Fee Grace Days 0 Due Date Max Due Day Change Days 2 Min Due Day 1 Max Due Day 31	Max Due Day Change Year 2 Max Due Day Change Life 5 Fee Consolidation Late Charge at Master Account ___ Cycle Based Collection Late Fee at Master Account ___ Cycle Based Late Fee at Master Account ___ Extension Max Extn Period / Year 0 Max Extn Period / Life 100 Max # Extn / Year 0 Max # Extn / Life 100 Minimum # Payments 0 Extension Gap in Months 0 Usage / Rental Details Agreement Type UNDEFINED Ever Green Details Auto Post & Renew On Maturity <input checked="" type="checkbox"/> Number of Unpaid Bills 0 Unpaid Bills % 0.00 Pmt Amount Method % ON MATURITY BILL Pmt Value 100.00 Grace Days 0 Evergreen Term 3 Residual Reduction % 100.00
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Servicing > Contract Details & Account Details: Show 'Evergreen Details' block with new field information.

Account Information

Save and Stay Save and Return Return

Interest and Accruals First Payment Dt 07/01/2020 Accrual Start Dt 06/01/2020 Last Accrual Dt 05/01/2021 Stop Accrual ___ Calculation Method AMORTIZED Accrual Method AMORTIZED Base Method 30/360 Accrued Interest 0.00 Index Type FLAT RATE Index Rate 0.00 Margin Rate 4.99 Rate 0.00 Yield Rate 4.99 Depreciation Value 1,000.00 Residual Value 0.00 Residual % 0.00 Rent Charge 0.00 Balloon Amt 0.00 Auto Include Residual Value ___ Residual Valuation Maturity Dt Basis PAYMENT DATE Prorate Stub Pmt <input checked="" type="checkbox"/> Amortized Compounding Yield Freq MONTHLY Amz Txn Calc Basis MONTH END BASIS Capitalization Capitalize ___ Frequency UNDEFINED Capitalization Start Basis UNDEFINED Grace Days 0	# of Due Day Changes (Life) 0 Last Extn Dt 08/01/2021 Due Day Change Dt Early Termination Allowed To Terminate <input checked="" type="checkbox"/> Billed Term 2 Lease Amt Recovered % 20 Lease Recovery Type PROPORTIONATE Additional Details Total Term 17 Paid Term 0 Maturity Dt 11/01/2021 Security Deposit 0.00 Payment Hierarchy Pre Bill Days 3 Purchase From Purchase Dt mm/dd/yyyy	Mock Statement Cycles Mock Pre Statement Days 0 Stop Correspondence ___ Fee Consolidation Late Charge at Master Account ___ Late Charge Grace Days 10 Cycle Based Collection Late Fee at Master Account ___ Cycle Based Collection Late Fee Grace Days 0 Cycle Based Late Fee at Master Account ___ Cycle Based Late Fee Grace Days 0 Time Bar Details Start Date End Date Days to Time Bar Settlement Information Effective Dt Good Through Dt Agreed Amt Paid Till Dt Ever Green Details Auto Post & Renew On Maturity <input checked="" type="checkbox"/> Number of Unpaid Bills 0 Unpaid Bills % 0.00 Pmt Amount Method % ON MATURITY BILL Pmt Value 100.00 Grace Days 0 Evergreen Term 3 Residual Reduction % 100.00
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Miscellaneous changes handled:

Observation (Current Behaviour)	Comment
Certain validations related to extension made applicable evergreen → These are removed	<p>The following extension specific validations, which was imposed on evergreen also are removed: while posting the transaction (Batch Job & Manual txn posting).</p> <p>Before taking up these changes, TXNEGC_BJ_121_01 is validating 'Max Extn Period / Life' in contract setup, while posting Evergreen transaction on Account.</p> <p>Minimum no of payments must be made before extension can be provided</p> <p>Transaction date cannot be less than the first billing date.</p>
Removing 'Due date history'	<p>Before taking up changes, system removing the 'Due Date History' (all past dues) as and when evergreen transaction is posted.</p> <p>Even system generates the bills in evergreen, these are not shown in Due date history tab.</p> <p>Behavior is changed to retain the the DDT; even after posting the transaction.</p>
Past due is getting 'zero'	<p>Example: In a 12 months lease of 100\$ each billing; if system generated 7 bills of 700\$ and if customer paid 500\$.</p> <p>System is posting 'Lease receivables adjustment Minus for 200\$; taking away the delinquency of \$200.</p> <p>Above behaviour is changed and system tracks this as 'Lease Receivable' delinquency; along with future delinquency that may arise out of 'Evergreen Rent'.</p>

7.3.6 Seed Data

SNO	TABLE	KEY DATA	TYPE
1	LOOKUPS	TXN_TYPE_CD EVG_RENT	INSERT
2	LOOKUPS	ACCRUED_TXN_TYPE_CD EVG_RENT	INSERT
3	LOOKUPS	BILLABLE_TXN_TYPE_CD EVG_RENT	INSERT
4	TXN_CODES	EVG_RENT	INSERT
5	TXN_CODES	EVG_RENT_REV	INSERT
6	TXN_CODES	EVG_RENT_BILL	INSERT
7	TXN_CODES	EVG_RENT_BILL_REV	INSERT

SNO	TABLE	KEY DATA	TYPE
8	TXN_CODES	EVG_RENT_TRM	INSERT
9	TXN_CODES	EVG_RENT_TRM_REV	INSERT
10	TXN_CODES	EVG_RENT_CLOSE	INSERT
11	TXN_CODES	EVG_RENT_CLOSE_REV	INSERT
12	TXN_CODES	LS_RESIDUAL_MAINT	INSERT
13	TXN_CODES	LS_RESIDUAL_MAINT_REV	INSERT
14	TXN_CODE_PARAMETERS	LS_RESIDUAL_MAINT TXN_COMMENT	INSERT
15	TXN_CODE_PARAMETERS	LS_RESIDUAL_MAINT TXN_DT	INSERT
16	TXN_CODE_PARAMETERS	LS_RESIDUAL_MAINT TXN_RESIDUAL_PER	INSERT
17	TXN_CODE_PARAMETERS	LS_EVER_GREEN_MAINT TNM_RESIDUAL_REDUCTION_PER	INSERT
18	TXN_CODE_PRODUCTS	EVG_RENT ALL LS CE	INSERT
19	TXN_CODE_PRODUCTS	EVG_RENT_REV ALL LS CE	INSERT
20	TXN_CODE_PRODUCTS	EVG_RENT_BILL ALL LS CE	INSERT
21	TXN_CODE_PRODUCTS	EVG_RENT_BILL_REV ALL LS CE	INSERT
22	TXN_CODE_PRODUCTS	LS_RESIDUAL_MAINT ALL LS CE	INSERT
23	TXN_CODE_PRODUCTS	LS_RESIDUAL_MAINT_REV ALL LS CE	INSERT
24	TXN_CODE_PRODUCTS	EVG_RENT_CLOSE ALL LS CE	INSERT
25	TXN_CODE_PRODUCTS	EVG_RENT_CLOSE_REV ALL LS CE	INSERT
26	TXN_CODE_PRODUCTS	EVG_RENT_TRM ALL LS CE	INSERT
27	TXN_CODE_PRODUCTS	EVG_RENT_TRM_REV ALL LS CE	INSERT
28	ACCESS_GRID_FUNCTIONS	LS_RESIDUAL_MAINT ACC_CONDITION_CD ALL 0	INSERT
29	ACCESS_GRID_FUNCTIONS	LS_RESIDUAL_MAINT ACC_STATUS_CD ALL 0	INSERT
30	ACCESS_GRID_FUNCTIONS	LS_RESIDUAL_MAINT_REV ACC_CONDITION_CD ALL 0	INSERT
31	ACCESS_GRID_FUNCTIONS	LS_RESIDUAL_MAINT_REV ACC_STATUS_CD ALL 0	INSERT

SNO	TABLE	KEY DATA	TYPE
32	ACCESS_GRID_FUNCTIONS	EVG_RENT ACC_CONDITION_CD ALL 0	INSERT
33	ACCESS_GRID_FUNCTIONS	EVG_RENT ACC_STATUS_CD ALL 0	INSERT
34	ACCESS_GRID_FUNCTIONS	EVG_RENT_REV ACC_CONDITION_CD ALL 0	INSERT
35	ACCESS_GRID_FUNCTIONS	EVG_RENT_REV ACC_STATUS_CD ALL 0	INSERT
36	ACCESS_GRID_FUNCTIONS	EVG_RENT_BILL ACC_CONDITION_CD ALL 0	INSERT
37	ACCESS_GRID_FUNCTIONS	EVG_RENT_BILL ACC_STATUS_CD ALL 0	INSERT
38	ACCESS_GRID_FUNCTIONS	EVG_RENT_BILL_REV ACC_CONDITION_CD ALL 0	INSERT
39	ACCESS_GRID_FUNCTIONS	EVG_RENT_BILL_REV ACC_STATUS_CD ALL 0	INSERT
40	ACCESS_GRID_FUNCTIONS	EVG_RENT_CLOSE ACC_CONDITION_CD ALL 0	INSERT
41	ACCESS_GRID_FUNCTIONS	EVG_RENT_CLOSE ACC_STATUS_CD ALL 0	INSERT
42	ACCESS_GRID_FUNCTIONS	EVG_RENT_CLOSE_REV ACC_CONDITION_CD ALL 0	INSERT
43	ACCESS_GRID_FUNCTIONS	EVG_RENT_CLOSE_REV ACC_STATUS_CD ALL 0	INSERT
44	ACCESS_GRID_FUNCTIONS	EVG_RENT_TRM ACC_CONDITION_CD ALL 0	INSERT
45	ACCESS_GRID_FUNCTIONS	EVG_RENT_TRM ACC_STATUS_CD ALL 0	INSERT
46	ACCESS_GRID_FUNCTIONS	EVG_RENT_TRM_REV ACC_CONDITION_CD ALL 0	INSERT
47	ACCESS_GRID_FUNCTIONS	EVG_RENT_TRM_REV ACC_STATUS_CD ALL 0	INSERT
48	FLEX_TABLE_ATTRIBUTES	INP_BMP_TNM TNM_RESIDUAL_REDUCTION_PER	INSERT
49	FLEX_TABLE_ATTRIBUTES	INP_BMP_TNM TNM_EVG_AUTO_POST_MATTER_IND	UPDATE

SNO	TABLE	KEY DATA	TYPE
50	FLEX_TABLE_ATTRIBUTES	INP_BMP_TNM TNM_EVG_VALUE	UPDATE
51	FLEX_TABLE_ATTRIBUTES	INP_BMP_TXN TXN_RESIDUAL_PER	UPDATE
52	TRANSLATION_DATA	SYS SYS SYS TNM 002298 RESIDUALREDUCTIONPERCENTAGECANTBEGREATERTHAN100 SYS MSG-SE	INSERT
53	TRANSLATION_DATA	SYS SYS SYS TXN 002208 LEASEEXTENSIONISNOTALLOWEDINEVERGREENPERIOD SYS MSG-SE	INSERT
54	TRANSLATION_DATA	SYS SYS SYS TXN 002209 EVERGREENTRANSACTIONMANUALPOSTINGNOTALLOWED,SINCEAUTOPOSTISENABLEDATSETUP SYS MSG-SE	INSERT

7.3.7 Open Bug

Bug Number	34913366
Summary	IN THE EVERGREEN TENURE AFTER POSTING THE PAYMENT BALANCES AND PAYMENT AMOUNT IN THE DUE DATE HISTORY ARE NOT IN SYNC
Description	As part of the evergreen transaction system is making account interest rate as zero. For accounts which are having accrual method as "Interest Baring" System is unable to calculate interest if the payment is post evergreen transaction.

7.4 New Web Services

Following list of new web services added in the release

New Service name	Action	Purpose	Description
/servicing/account/paymentarrangement	POST	Payment Arrangement Create Service	This service is used to create new Payment Arrangement plan
/servicing/account/paymentarrangement	PUT	Payment Arrangement Update Service	This service is used to deactivate Payment Arrangement plan in the system
/servicing/account/{number}/paymentarrangement	GET	Payment Arrangement Fetch Service	This service is used to fetch Payment Arrangement Details

/servicing/account/bankruptcy	PUT	Bankruptcy Update Service	This service is used to update Bankruptcy Details
/servicing/account/{number}/bankruptcy	GET	Bankruptcy Details Service	This service is used to fetch Bankruptcy Details
/servicing/bankruptcy/trackingattribute	PUT	Bankruptcy Tracking Attribute Update Service	This service is used to update bankruptcy tracking attributes

7.4.1 **Changes to Existing Web Services**

Service name	Change
Account Tracking Attribute Fetch Service	Added following InsuranceTrackingAttributes BankruptcyTrackingAttributes
Application Search Service	Added 'drivinglicensenummer' element to the query parameter and in the response
Account Detail Service	Added following NetDueBucket1 NetDueBucket2 NetDueBucket3 NetDueBucket4 NetDueBucket5 DueTotalAmountIncludingCurrent ExtraLeaseReceivable ExtraPrincipalPaid RepaymentScheduleDetails InsuranceDetails DueDateHistory accountCondition > QueueName accountCondition > UserCode

7.5 **Seed Data changes for Impacted Bugs**

NA

7.6 Patches and Bugs

Bug Id	Bug Description	Fix Description
34175567	SR: 3-29516014011 In Lease Calculator API - the lease calculator is not returning the 'Rent Value' and hence 'Total of Payments' are not matching.	Since the Rent charge value does not match between UI and web-service call when the calculation method is AMORTIZED, code change has been made to correct the rent charge value in the web-service call so it matches with the UI value.
34599632	SR: 3-30636141741 ON changing the EFX Bureau Auth Id/PW the same is not reflected in Weblogic under EFXUserNamePassword key. Current this has been manually updated in WebLogic.	Fix has been provided by correcting the following key names 'Credit Bureau Report Formats' > Edit > Change, and if the Credit Bureau country = US (below keys are case sensitive) - if Bureau = EFX and Consumer > update the EfxUserNamePassword - if Bureau = TUC and Consumer > update the TucUserNamePassword
34674924	SR: 3-30802425991 While filtering accounts from Customer service screen > Queues, system displays an error as "There is no account in this queue" even when there are allocated accounts in a queue.	Fix has been provided by realigning 'Filtered Account' button and adding a label with the button in AccountSearchAdvanceMain.jsff and label description is defined in the SercollUIResources.xlf file.
34752661	SR: 3-30741867711 In Origination while opening Approved Application in Checklist Tab > Document Tab next to Regular Tab and on editing the Document, the table APPLICATION_CHECKLIST_ACTIONS - ACA_MANADATORY_IND VALUE is stored as TRUE/FALSE. It need to be saved as Y/N.	Fix has been provided by updating AcaDocumentMandatoryInd with DspDocumentMandatoryInd in ApplicationChecklistActionDocumentEdit.jsff.
34828572	SR: 3-31308367291 In Swagger documentation for "Advance Disbursement Create Service" only "AccountNumber", "GroupSubTypeCode" and "AdvanceAmount" is mandatory. However on initiating the request, system prompt for "AdvanceDate" and "PromotionCode" also as mandatory fields.	Fix has been provided by adding mandatory code for PromotionCode field(as this field is mandatory from DBend) and Updated swagger.json for swagger documentation changes.

Bug Id	Bug Description	Fix Description
34678754	SR: 3-30833144001 While sending email notification, system displays an error as "javax.mail.MessagingException: 451 5.7.3 STARTTLS is required to send mail".	Since OFSLL DB server is not sending TLS 1.2 while sending email to External email server, Code changes made for triggering mail for remaining configurations other than SSL. Removed SSL from the System parameter due to some configuration issue.
34230472	SR: 3-27059627391 Account is showing a 30-day delinquency in the delinquency information section of the summary page but was not 30 days late. The account has had a due date change and a two-month extension which is causing Ridelink to think that the account was late, but it was not.	Fix provided for correct calculation of delinquency counters while posting the Current dated/backdated extension/extension override transaction.
34411041	SR: 3-30177040261 It is found that Date format issue is occurred on txnprc_em_121_01.post_txn_processing for Lease Accounts.	Fix has been provided by modifying the complex code logic which causes the Date format issue on txnprc_em_121_01.post_txn_processing for Lease Accounts and for other two products as well.

8. Patch Release 14.12.0.0.6

8.1 Enhancements

Ref No.	Enhancement	Description
NA	New Payment Method in 'Evergreen' Lease	New payment method 'Standard Payment Amount' is included for selection as Evergreen Payment.
ENH 34977684	Revenue Projections - TAM	This feature provides the revenue and the income streams for each month over the next few years for a Lease Account.
ENH 34836467	New Scoring Parameters (character type)	System supports new set of character type scoring parameters and using the application stub status, system can do 'Rescore' and 'ReDecision'
NA	New Web Services	<ul style="list-style-type: none">• Invoice Detail Update Service• Invoice Status Update Service• Fetch Eligible Vendors Service• Fetch Credit Bureau Report
NA	Changes to Existing Web Services	<ul style="list-style-type: none">• Decision update service

8.2 New Payment Method in 'Evergreen' Lease

8.2.1 Overview

New payment method 'Standard Payment Amount' is included for selection as Evergreen Payment.

8.2.2 Description

- Included new lookup value in EVG_PMT_AMT_METHOD_CD > % ON STANDARD PAYMENT AMOUNT
- This new lookup values indicates that the system considers the 'Standard Payment Amount' on the account.
- If the account has multiple payments, the last payment cycle amount would be considered as standard payment Amount.

For Example: In a 6-month term account, 3 terms - Pmt Amt =1000\$ and next 3 terms Amount is 2000\$, system considers 2000\$ as the standard payment amount.

8.3 Revenue Projections - TAM

8.3.1 Overview

This feature provides the revenue and the income streams for each month over the next few years for a Lease Account.

8.3.2 Description

This fix contains the below features, which are in continuation of earlier hotfix.

14. Renamed the section 'Revenue Projections' as 'Income Schedule':

- Changes taken up in existing section and seed data: **Servicing > GL Transactions > Accounts**
- **Following combination of calculations are supported:**
 - If Payment is linear and only one payment is an input in origination, system calculates Annualized Rate, Yield rate.
 - If Payment is user defined (like 1000\$ of 2 payments, 800\$ of 5 payments etc..) is an input in origination, system calculates Annualized Rate, Yield rate.

Note: ANNUALIZED RATE = SIMPLE INTEREST RATE (Simply 'RATE', which is an existing field in OFSLL)

Seq	Pmt Dt	Pmt Amt	Income Date	Capital Recovery	Income	Month end Income	End Net Book Value
Indicates Sno.	Indicates 'Repayment Date' i.e, Due Date	Indicates 'Repayment Amount' (Billing Amount)	Indicates the Income Recognition Date	Capital Portion of the Lease Payment Amt.	Income Portion of the Lease Payment Amt	Sum of all the income accrued throughout the month	Indicates end book value of the lease for that month end.

Note: Capital recovery may show in negative numbers when there is no payment for a row)

Account #	Title	Status	Product	Contract Dt	Currency
YIELD100113	NARHADE 10 PAWAN	ACTIVE:DELQ	LEASE-VE-P1-AMO...	01/01/2018	RIAL OMANI

Seq Pmt Dt	Pmt Amt	Lease Receivable	Income	End Net Book Value
1 01/31/2018	2425.51	1936.87	-488.64	12072.41
2 01/31/2018	2425.51	2069.44	356.07	10002.96
3 02/28/2018	0	-791.16	791.16	10794.13
4 03/31/2018	0	-853.74	853.74	11647.86
5 04/30/2018	2425.51	1696.09	729.42	9951.78
6 05/31/2018	0	-787.11	787.11	10738.89
7 06/30/2018	0	-849.37	849.37	11588.26
8 07/31/2018	2425.51	1700.8	724.71	9887.46
9 08/31/2018	0	-782.03	782.03	10669.48
10 09/30/2018	0	-843.88	843.88	11513.36

15. AMZ Txn Calc Basis:

- New contract parameter called 'Amortization Schedule Txn Calc Basis' is added with following values for selection:
 - Introduced a new lookup called 'TAM_AMORTIZE_TXNS_BASIS_CD' with Due Date Basis; which will be used for reference of above contract parameter.
 - Income Schedule Txns under GL Transactions in each account is generated based on this company parameter.

Behaviour of selection:

On selecting the value for 'Due Date Basis', system generates the revenue entries on each due date. For example: 15th April 2022 is contract date; system has to generate entries on every 15th of month till maturity date.

System does the calculation in following ways (Currently only 'Due Date Basis' is supported)

Calculation Basis	Income Schedule	TAM	Example	Detailed Examples
Due Date Basis	Income Calculation on Due Date Basis	<p>Steps:</p> <p>TAM refers 'MonthEnd Income' value which is sum of following two values.</p> <p>Calculate Income from the 1st of the month to current month Due Date.</p> <p>Calculate Income from Due Date to Month End for that schedule.</p>	<p>Due Date = 15th of month</p> <p>Contract Date = 15th Jan 2023</p> <p>Income for a day = 1\$</p> <p>-----</p> <p>Income for Jan Month = 15\$</p> <p>Income of Feb Month = 30\$ (15th Jan to 31st Jan = 15\$ and 1st Feb to 15th Feb = 15\$)</p>	 <p>Due_Date_Amortization_Sample.xlsx</p>

Note: 'Lease Revenue Projection Report' report can be generated and handed over to the customer and projection report can be configured outside of OFSLL.

8.3.3 Seed Data:

SNO	TABLE	KEY DATA	TYPE
1	FLS_ACCESS	FLL.INT.UGL.INCOMESCHEDULE.TAB ACCESS TO INTERFACES CMN INCOME SCHEDULE TAB Y Y INT UGL UI N	UPDATE
2	FLS_ACCESS	FLL.INT.UGL.INCOMESCHEDULE.EXPORT.BUTTON ACCESS TO INTERFACES CMN INCOME SCHEDULE EXPORT BUTTON Y Y INT UGL UI N	UPDATE

8.4 New Scoring Parameters (Character Type)

8.4.1 Overview

- System supports following new scoring parameters:
 - Customer Age
 - Customer Education
 - Customer Employment Sector
 - Customer Marital Status
 - Customer seniority at work (actual)
 - Total no. of applications (current application not included)
- Using status change, now user can do the following new actions:
 - Rescoring the application
 - Redecisioning the application
- Now users can configure the character type parameters and define in the 'scoring model'.

8.4.2 Description

Following changes are applicable for Loan, Line and Lease

Changes in Setup > User Defined Table:

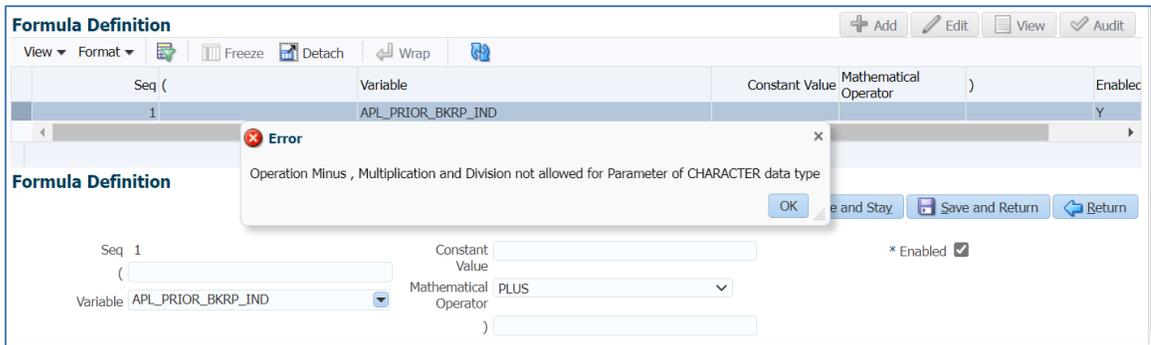
Added following 'User Defined Table Attributes'

Attribute	Description	Data Type	LOV Type
Following added under SCR_APPLICANTS user defined table			
\$NO_OF_APPS	Number of Applications Using the 'Setup > Dedupe' configuration, system finds the total number of applications	Number	NULL
\$APL_AGE	Applicant Age System derives the whole number of years between Current server Date & Applicant Date of Birth	Number	NULL

Attribute	Description	Data Type	LOV Type
APL_EDUCATION_LEVEL_CD	Applicant education level code	Character	EMPLOYMENT_TYPE_CD
APL_MARITAL_STATUS_CD	Applicant marital status	Character	MARITAL_STATUS_CD
Following added under SCR_EMPLOYMENTS user defined table			
APE_OCCUPATION_CD	Applicant Occupation	Character	OCCUPATION_CD
APE_ACTUAL_MONTHS	Employment Actual number of months	NUMBER	NULL
APE_STATED_YEARS	Stated number of years employed	NUMBER	NULL
APE_STATED_MONTHS	Stated number of months employed	NUMBER	NULL
APE_STATED_AMT	Stated amount of earned income	NUMBER	NULL
APE_STATED_MTHLY_AMT	Stated monthly amount	NUMBER	NULL
APE_ACTUAL_YEARS	Actual years of employment	NUMBER	NULL
APE_ACTUAL_MONTHS	Actual number of months that employee has worked	NUMBER	NULL
APE_ACTUAL_AMT	Actual amount of salary earned	NUMBER	NULL
APE_ACTUAL_MTHLY_AMT	Actual monthly amount of income earned	NUMBER	NULL
APE_CURRENCY_STATED_AMT	converted Stated amount of earned income	NUMBER	NULL
APE_CURRENCY_ACTUAL_AMT	converted Actual amount of salary earned	NUMBER	NULL
APE_CURRENCY_STATED_MTHLY_AMT	converted Stated monthly amount	NUMBER	NULL
APE_CURRENCY_ACTUAL_MTHLY_AMT	converted Actual monthly amount of income earned	NUMBER	NULL

Changes in Setup > Scoring Parameters

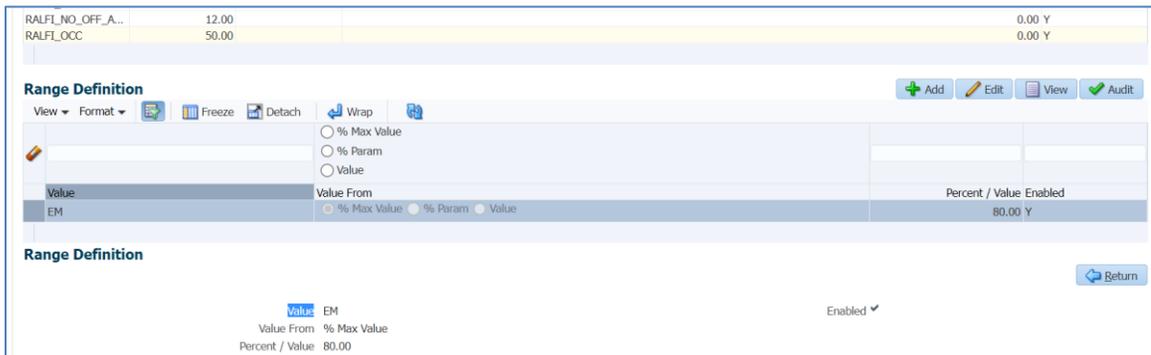
If the parameter's Data Type = Character, then system does not allow to select mathematical operator other than Blank or Plus. Else shows an error 'Operation Minus, Multiplication and Division not allowed for Parameter of CHARACTER data type'



Changes in Setup > Scoring Model

In 'Range Definition', the existing label changes are as follows

Data type of parameter	First Value From	2 nd Value From
Number / Integer (No change)	Value From	allow selection of all values
Character (New Behaviour)	Value	allow selection of '% Max Value' & 'Value' If user selects '%Param', then system will show an error "%Param cannot be selected for Character parameter"



Origination > Underwriting > Credit Score > 'Rescore' and 'Auto Decision' changes

If user configures the character type of parameters, system derives the score using the Exact Value to 'Percent/Value' combination.

Example: Setup data

Max Value	200	
Value	Value From	Percent/Value
A	Value	10

B	Value	20
C	Value	30
D	%of Max Value	15
E	%of Max Value	30

Origination Data:

Input	Output
A	10
C	30
D	15% of 200 = 30
E	30% of 200 = 60

New sub status to do 'Rescore' and 'Select Pricing' - for Loan/Line/Lease

Introduced following two sub-status under APP_SUB_STATUS_CD as follows:

Lookup Code	Description	System Defined	Enable	Sort	Behaviour	Validation
RESCORE	RESCORE	Yes	Yes	102	system automatically does the 'Rescore'	Application Origination stage code should be in 'REVIEW'
REDECISION	REDECISION	Yes	Yes	103	system automatically 'Selects Pricing' and populates 'pricing' details	Application Origination stage code should be in 'REVIEW'

8.4.3 Seed Data

SI	Table	Key Data	Type
1	FLEX_TABLE_ATTRIBUTES	SCR_APPLICANTS \$APL_AGE	Insert
2	FLEX_TABLE_ATTRIBUTES	SCR_APPLICANTS \$NO_OF_APPS	Insert
3	FLEX_TABLE_ATTRIBUTES	SCR_APPLICANTS APL_EDUCATION_LEVEL_CD	Insert
4	FLEX_TABLE_ATTRIBUTES	ACX_APL FLK_APL_MARITAL_STATUS_CD	Insert
5	FLEX_TABLES	SCR_EMPLOYMENTS	Insert
6	FLEX_TABLE_ATTRIBUTES	CNB_APL CHD_APL_PRIM_EMPLOYMENTS	Insert
7	FLEX_TABLE_ATTRIBUTES	EVE_EMP_EMPLOYMENTS EMP_ACTUAL_FREQ_CD	Insert
8	FLEX_TABLE_ATTRIBUTES	EVE_EMP_EMPLOYMENTS EMP_COUNTRY_CD	Insert
9	FLEX_TABLE_ATTRIBUTES	EVE_EMP_EMPLOYMENTS EMP_CURRENT_IND	Insert
10	FLEX_TABLE_ATTRIBUTES	EVE_EMP_EMPLOYMENTS EMP_EMPLOYMENT_TYPE_CD	Insert
11	FLEX_TABLE_ATTRIBUTES	EVE_EMP_EMPLOYMENTS EMP_NAME	Insert
12	FLEX_TABLE_ATTRIBUTES	EVE_EMP_EMPLOYMENTS EMP_PERMISSION_TO_CALL_IND	Insert
13	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_ACTUAL_AMT	Insert
14	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_ACTUAL_MONTHS	Insert
15	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_ACTUAL_MTHLY_AMT	Insert
16	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_ACTUAL_YEARS	Insert
17	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_CURRENCY_ACTUAL_AMT	Insert
18	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_CURRENCY_ACTUAL_MTHLY_AMT	Insert
19	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_CURRENCY_STATED_AMT	Insert
20	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_CURRENCY_STATED_MTHLY_AMT	Insert
21	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_OCCUPATION_CD	Insert
22	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_STATED_AMT	Insert
23	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_STATED_MONTHS	Insert
24	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_STATED_MTHLY_AMT	Insert

SI	Table	Key Data	Type
25	FLEX_TABLE_ATTRIBUTES	SCR_EMPLOYMENTS APE_STATED_YEARS	Insert
26	LOOKUPS	APP_SUB_STATUS_CD RESCORE	Insert
27	LOOKUPS	APP_SUB_STATUS_CD REDECISION	Insert

8.5 New Web Services

Following web services are added:

New Service name	Action	Purpose	Description
Invoice Detail Update Service	PUT	This service is used to update invoice details	Using this service, user can trigger the update of details in Invoices screen (at multi levels within invoice)
Invoice Status Update Service	PUT	This service is used to update invoice status	Using this service, user can trigger the update of status in Invoices screen (at multi levels within invoice)
Fetch Eligible Vendors Service	GET	This service used to Fetch Eligible Vendors for given input parameters like Channel Code, Work-Order Type, Account Number, Company and Branch	User can fetch the eligible vendors for primary key parameters like Channel, Work Order Type, Company and Branch.
Fetch Credit Bureau Report	GET	This service is used to Fetch the Report from credit bureau to OFSLL system	User can fetch the submitted bureau requests from the servicing based on the Account Number and Bureau Name

8.5.1 Seed Data

SI	TABLE	KEY DATA	TYPE
Copy Feature in Pricing			
1	FLS_ACCESS	FLL.SET.UPS.PRICINGLEASECREATECOPY.BUTTON ACCESS TO SETUP UPS LEASE PRICING DEFINITION COPY BUTTON Y Y SET UPS UI N	INSERT
2	FLS_ACCESS	FLL.SET.UPS.PRICINGLOANCREATECOPY.BUTTON ACCESS TO SETUP UPS LOAN PRICING DEFINITION COPY BUTTON Y Y SET UPS UI N	INSERT
3	FLS_ACCESS	FLL.SET.UPS.PRICINGLINECREATECOPY.BUTTON ACCESS TO SETUP UPS LINE PRICING DEFINITION COPY BUTTON Y Y SET UPS UI N	INSERT

SI	TABLE	KEY DATA	TYPE
Invoice Status Web Service			
1	FLS_ACCESS	FLL.INVOICERESOURCE.PUT.UPDATEINVOICESTATUS ACCESS TO INVOICE STATUS PUT SERVICE Y Y SER WEB WS N	INSERT
Invoice Detail Web Service			
1	FLS_ACCESS	FLL.INVOICERESOURCE.PUT.UPDATEINVOICEDetail ACCESS TO INVOICE DETAIL PUT SERVICE Y Y SER WEB WS N	INSERT
Eligible Vendors Web Service			
1	FLS_ACCESS	FLL.WORKORDERRESOURCE.GET.GETWORKORDERVENDORS ACCESS TO GET ELIGIBLE VENDORS FOR WORK ORDER SERVICE Y Y SER WEB WS N	INSERT
Income Schedule - Yield Rate			
1	LOOKUPS	TAM_AMORTIZE_TXNS_BASIS_CD MONTH_END	DELETE

8.5.2 Changes to Existing Web Services

Service name	Change
Decision update service	<p>In existing setup, system checks if the application is in 'New - Review' required status.</p> <p>After this patch, system checks if Application 'Origination stage code = 'Review' and then only allows to update the decision.</p>

8.6 Seed Data changes for Impacted Bugs

NA

8.7 Patches and Bugs

Bug Id	Bug Description	Fix Description
35006087	SR: 3-31936861921 In Account Information section, Account Term field (ACC_TERM, ACC_TERM_CUR) is not displayed in Servicing > Summary Tab though it exists in account table.	Fix has been provided by updating Term column mapping such that after funding an application through Origination and opening the account in Customer Servicing screen > Summary tab > Account Information section, the Account Term field is displayed with correct value.
34996244	SR: 3-31881781481 In SaaS UAT environment, the loan calculator is not working as expected. After providing the necessary values, the Payment amount calculated is much larger than the expected amount.	Fix has been provided with code changes such that after providing the required values in Loan Calculator tab and clicking on 'Calculate Payment' radio button, the Payment Amount is calculated with desired amount. Also, on clicking Amortize button under Amortize Schedule tab, the Payment Date field is populating with correct values.
34994151	SR: 3-31895630961 When a payment transaction is initiated using Payment screen manually, system populates the spread set at spread matrix for account with status WRITE OFF (Charge off spread). But, when the payment is done using file upload system for the same account, it is populating spread set at contract setup screen instead of verifying the spread matrix.	Fix has been provided with code changes for the system to verify if spread matrix is available for the account.
34977684	SR: 3-31803277091 There is a mismatch between Revenue Projection report and TAM job results after running the TAM batch job for month end by selecting the Amort Txn Calc Basis as 'MONTH END BASIS' for Quarterly billing cycle in setup.	Fix has been provided such that the income in the Revenue Report will match with the TAM. For more information, refer to Enhancement section.
34958530	SR: 3-31766380717 On posting payment refund transaction, system forces to enter refund reason code even though it is set as non-mandatory at transaction code setup.	Fix has been provided with code changes to trigger the validation only if users pass the reason code while posting the transaction.

Bug Id	Bug Description	Fix Description
34952471	<p>SR: 3-31752901481</p> <p>In many Amount fields the separator such as comma/ dot separation is missing and not consistent in various amount fields.</p> <p>For instance, the Request tab at application-level system does not follow comma separator for down payment amount but it follows for Requested loan amount & balloon amount.</p>	Fix has been provided such that the partial trigger that was previously assigned incorrectly to the DownPmtAmt Field has been resolved.
34932160	<p>SR: 3-31639090301</p> <p>On posting an evergreen lease transaction, system is not calculating correct depreciation value for depreciation and the adjusted capital cost values are not same.</p>	Fix has been provided such that Depreciation value has been updated with adjacent cap cost during Evergreen Transaction posting.
34932193	<p>3-31638914301</p> <p>Fiscal period contract with arrears method is working for yearly cases, but not working for monthly or quarterly.</p>	Fix has been provided such that the system prorates the payment amount when the contract date is in the middle of the month and first payment date is first of every month for arrears method.
34933457	<p>SR: 3-31638914318</p> <p>After boarding the Account, system is not displaying the term value in the Summary screen.</p>	Fix has been provided by updating Term column mapping in AccountSummaryAccountDuesMain.
34913951	<p>SR: 3-31127607091</p> <p>Producer Update Service is resetting the existing values from the system if values are not provided in the input request xml/json.</p>	Fix has been provided such that the system take the existing values from the table and verifies if it is NULL. If Yes, system change the value to Default.
34898059	<p>SR: 3-31554315521</p> <p>System displays an error on updating UDF labels in SaaS PROD environment as “Unexpected exception caught: java.lang.NullPointerException,msg=null”</p>	Fix has been provided by adding a NULL check so that in Setup > Administration > System > Label Configurations screen, on modifying a Label configuration, system updates the record without exception error message.
34853308	<p>SR: 3-31413436211</p> <p>During accounts billing (Weekly Billing cycle), when maturity is reached and last bill is run, system is not setting the ACC_DDT_RUN_DT_NEXT as max.</p> <p>Hence these accounts are again picked up in next run by billing batch job under SET-TPE and hence batch is failing with error “Txn Due Dt is greater than maturity Date”.</p>	Fix has been provided by updating ACC_DDT_RUN_DT_NEXT to MAX_DT when weekly with pre bill days 7 and meeting next ACC_DDT_RUN_DT_NEXT to ACC_MATURITY_DT_CUR.

Bug Id	Bug Description	Fix Description
34287338	SR: 3-29819753411 In Lease Calculator - Interest Rate option, Repayment Schedule is throwing error on passing all the term numbers.	Fix has been provided with code changes to resolve the error and also changed in CLLCAL_EM_100_01 unit to calculate the "Total of Base payments field" appropriately.
34962595	SR: 3-31739709261 On trying to Onboard accounts using step payments, system does not create repayment schedules as given in the "User defined" schedules section.	Fix has been provided by correcting the repayment schedule in Amortized method for Advance and Arrears rent collection methods.
35028253	SR: 3-32006902381 System throws storage error during SET – TPE batch job execution and due to this there is no successful completion of SET – TPE batch job processing.	Fix has been provided with code changes to avoid batch job failures and handled the exceptions.
34836467	SR: 3-31334531708 Additional scoring parameters are requested to be defined in OFSLL Origination pertaining to Applicants information.	Fix has been provided by adding the additional scoring parameters (Character Type) in Origination module. For more details, refer to Enhancement section.
34713379	SR: 3-30951459166 There was No tag found for Existing Business Tab in Origination Application Creation Webservice API to attach the existing business to the application.	Fix has been provided by adding a non-mandatory element 'ExistingBusinessNbr' is in Post Application Entry webservices request under BusinessDetails block.
33921411	SR: 3-28661142301 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. 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 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. The above-said code changes is added only for Txn Type - FLC.(Fee Late Charge).

Bug Id	Bug Description	Fix Description
34151608	SR: 3-29480783041 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 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 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.
34161484	SR: 3-29264809371 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 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 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 One of the view (itu_txn_temp_eww) 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.

Bug Id	Bug Description	Fix Description
34252735	SR: 3-29750792671 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: <ul style="list-style-type: none"> • Correct all line accounts CTD/YTD balances. • Correct the YTD balances of Loan accounts. In addition, the provided scripts does the following: <ul style="list-style-type: none"> • Handle Payment excess allocations and waive, adjust transactions. • Fix also includes code changes to include Adjustment Subtract Transactions.
33755913	SR: 3-28096336671 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. 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.
34163702	SR: 3-29481900511 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.
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 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 RFR new code changes needs to be deployed.	Fix provided with new code changes deployment.
34200346	SR: 3-29581263931 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.

Bug Id	Bug Description	Fix Description
34296979	<p>SR: 3-29853985411</p> <p>Account Boarding Payload should be validated for being correct</p> <p>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.</p> <p>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.</p> <p>So to avoid such issues, the data should be validated at the point of entry i.e. Account Boarding Service.</p>	<p>Fix has been provided such that, Table values has to read through json_object, so that it will be converted to JSON format correctly.</p>
34277792	<p>Sequence cache to be checked</p>	<p>Fix has been provided such that, the Sequence start number was modified in the below script</p> <p>'upgrade_fix_reset_all_sequences.sql' and deleted</p> <p>'upgrade_sequence_nocache_oci.sql'</p>
34301839	<p>SR: 3-29899335131</p> <p>Securitization code changes have been done for performance improvement.</p>	<p>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.</p>
34267194	<p>SR: 3-29768453801</p> <p>Points consolidation is considering points from Rescind account (Observed this issue for migrated accounts)</p>	<p>Fix has been provided such that, points from rescind account is not considered for consolidation.</p>
34247327	<p>SR: 3-29722440141</p> <p>TXNMEA job (Master Excess Allocation) is not allocating across other branches.</p> <p>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.</p>	<p>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.</p>
34207794	<p>SR: 3-29749326873</p> <p>TXNPMF_BJ_100_01 - Unhandled error in Batch Job ORA-06500: PL/SQL: storage error</p>	<p>Fix has been provided such that, on running the TXNPMF_BJ_100_01 batch job, the Periodic Maintenance Fee functionality working as expected.</p>

Bug Id	Bug Description	Fix Description
33995616	SR: 3-29253324551 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 Issues with call activity service	Fix has been provided such that, call activity service is working as expected.
34246212	SR: 3-29720793801 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. 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
33506029	SR: 3-27490615741 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 'Page Unresponsive' Messages received.	Fix has been provided such that, system is opening the screens within 5 seconds.
34216770	SR: 3-29640581553 The batch job set SET-TPE is stuck and runs in endless loop.	Fix has been provided such that after introduction of the index the execution time came down drastically.
34232985	SR: 3-29695658993 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.
34311863	SR: 3-29922053081 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.

Bug Id	Bug Description	Fix Description
34317211	SR: 3-29944861151 Webhooks are not getting invoked After successful Payload generation.	Fix has been provided by moving 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 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.
34347628	SR: 3-30034903321 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 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 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.
34369825	SR: 3-30117805211 OFSL 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 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 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.

Bug Id	Bug Description	Fix Description
34400131	<p>SR: 3-30094277951</p> <p>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.</p> <p>'Acc_backdate_dt' is also derived as 'app_conversion_dt'.</p>	<p>Fix has been done to assign the 'acc_acc_run_dt_next' as GL date.</p> <p>Along with the reported issue ACC_SCRA_IND issue also fixed.</p> <p>ACC_SCRA_IND included in the account update.</p>
34403554	<p>SR: 3-30157966521</p> <p>In case billing due date is changed through monetary transaction, MEA run date next is not changing.</p>	<p>Fix has been provided to update MEA run date next (acc_mea_run_dt_next) for below Monetary Transactions,</p> <ol style="list-style-type: none"> 1. PRE BILL-DAYS CHANGE 2. DUE DATE CHANGE & DUE DATE CHANGE OVERRIDE 3. EXTENSION & EXTENSION OVERRIDE 4. RESCHEDULE BILL CYCLE
33897886	<p>SR: 3-28736120081</p> <p>Issue with SECURITIZATION POOL FILE UPLOAD for duplicate records.</p>	<p>Fix has been provided by reverting the changes as it is causing the performance issues related to "iscprc_bj_100_01.pkb</p>
34446834	<p>SR: 3-29695658993</p> <p>'Account Condition Locked by other users' errors received as commit not happening based on commit count from job_threads.</p>	<p>Fix has been provided such that Account conditions will be updated and committed in qcspc_en_100_01.set_assignments based on the QCS job commit count.</p>
34450058	<p>SR: 3-30205055851</p> <p>EOD batch job performance and golden gate limits.</p>	<p>Fix has been provided to limit the record update based on commit count.</p>
34450149	<p>SR: 3-30249869601</p> <p>The CUP Job for CHGOFF Accounts failed with ORA-21560[invalid, or out of range] Exception.</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
34468381	SR: 3-30304134601 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. IATPRC_BJ_100_01 IARPRC_BJ_100_01 IASPRC_BJ_100_01	Fix has been provided by replacing VARCHAR2(32000) with CLOB for bad_file ASSET_TRACKING_ATTRIBUTES. So now system can have the batch job to handle more error file size with large volume of data.
34469682	SR: 3-30304501708 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.
31121583	SR: 3-22685812891 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 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 OFSL. 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 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.

Bug Id	Bug Description	Fix Description
31569793	SR: 3-23454393069 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 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 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. 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 It is found that Auto account comments for Review Requests misspelled "FORWARDED" as "Forwarded".	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/refdcs/ofsl release notes.pdf Implemented for Equifax and Experian in 14.10 - https://docs.oracle.com/cd/F35490_01/pdf/refdcs/ofsl release notes.pdf
32066368	SR: 3-24350325541 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.

Bug Id	Bug Description	Fix Description
32041384	SR: 3-24325774551 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 <code>UIX_ACC_FVW</code> . If <code>'ACC_TERM_CUR-ACC_TERM_PD'</code> is less than zero then displayed as zero.
31999645	SR: 3-24236680231 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 <code>ACC_TIP_IND</code> is `Y`, and if user posts VSC Insurance Cancellation, system posts Insurance Rebate as calculated and does not post the `Finance Charge Rebate`. Also system does not show Finance Charge Rebate in txn results.
31999631	SR: 3-24196234581 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 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 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 Account Remarketing – It is noticed that sometimes an account has 2 repo records in repossession details, one blank and the other good. 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 <code>lv_tcn_txn_rec.txn_tcd_code</code> to <code>'CONDITION_OPEN'</code> for <code>'LNCC'</code> . Therefore, <code>lv_tcn_txn_rec.txn_tcd_code</code> changes from <code>CONDITION_CLOSE</code> to <code>CONDITION_OPEN</code> causing this issue. 1. For LNCC, we used <code>lv_tcn_txn_rec1</code> record type to assign <code>txn_tcd_code</code> . 2. For (BKR, REPO, CHGOFF), we used <code>lv_tcn_txn_rec</code> record type to assign <code>txn_tcd_code</code>

Bug Id	Bug Description	Fix Description
32509088	<p>SR: 3-25210952901</p> <p>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.</p>	<p>Fix has been provided such that the PAYMENT_NONCASH condition is added to the txn_tcd_code in 'cbuutl_em_100_02' package.</p> <p>Now Metro 2 file is generated with met_base_act_pmt_amt column which contains the total of both Payment and Suspense Payment.</p>
32399760	<p>SR: 3-25000900931</p> <p>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.</p>	<p>Fix has been provided with changes add to the below conditions during Min and Max RowId allocation,</p> <p>Acc_Acc_Run_Dt_Next < Lv_Jrq_Rec.Jrq_Gl_Post_Dt + 1</p> <p>And Acc_Open_Ind = YES</p> <p>And Acc_Status_Cd In (ACTIVE, CHGOFF)</p> <p>Now under Job_Threads table the sum of JBT_ROWID_COUNT = Total No of records in ACTIVE and CHGOFF status.</p>
32345597	<p>SR: 3-24626819521</p> <p>After post Maturity and while running SET-ACR batch job set, the Payment rating is not calculated but Account Status is only updated.</p>	<p>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.</p>
30544451	<p>SR: 3-21558757661</p> <p>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.</p>	<p>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.</p>
30491493	<p>SR: 3-21170935071</p> <p>Bankruptcy indicator is hardcoded as below in executeLoanApplication RestFul Webservice</p>	<p>Fix has been provided such that Bankruptcy indicator is defaulted with "N", since corresponding database column defaulted with "N".</p>
31523975	<p>SR: 3-23353070601</p> <p>Metro file generation process (cbuutl_bj_100_03.cbuutl_bj_100_03) execution plan is not stable.</p>	<p>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.</p>
32851876	<p>SR: 3-25836070561</p> <p>Incorrect scheduled payment amount in metro report.</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
32895234	SR: 3-25936137231 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 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.
33476543	SR: 3-27374159001 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 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.
32847829	SR: 3-25836817261 OFSL java classes remain INVALID after upgrade from 12.1 to 19c.	Fix has been provided with drop statements for JSP files which are deprecated.
33379986	SR: 3-27082389161 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 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.

Bug Id	Bug Description	Fix Description
34289555	SR: 3-29825933741 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 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 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 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 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.

Bug Id	Bug Description	Fix Description
33693893	<p>SR: 3-28036286941</p> <p>There is a mismatch in Account Balances and Due amount summary balances and need a fix on Patch set 14.</p>	<p>The data correction script has to be executed in the environment. Post executions all accounts are corrected.</p> <p>The data fix script does the following:</p> <ul style="list-style-type: none"> ○ Correct all line accounts CTD/YTD balances. ○ Correct the YTD balances of Loan accounts. <p>During the process of script execution, following changes are done:</p> <ul style="list-style-type: none"> ○ Identify the problematic accounts and correct the individual balances of CTD. ○ Copy the data from CTD to YTD balances. <p>In addition, the provided scripts do the following:</p> <ul style="list-style-type: none"> ○ Handle Payment excess allocations and waive, adjust transactions. ○ Fix also includes code changes to include Adjustment Subtract Transactions.
34531438	<p>SR: 3-30467844101</p> <p>Request for performance improvements in RPTRIC_EM_100_01 package since it is affecting the securitization reports.</p>	<p>Fix has been provided in the RPTRIC_EM_100_01 package to enhance performance delays in securitization reports.</p>
34401993	<p>SR: 3-30158458911</p> <p>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.</p>	<p>Fix has been provided with changes in transaction code and access grid functions to update correct balances on master account.</p>

Bug Id	Bug Description	Fix Description
34469523	<p>SR: 3-30322985805</p> <p>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.</p>	<p>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.</p> <p>This change is made to the below payment hierarchy type codes:</p> <ol style="list-style-type: none"> 1. DELQ DUE AMOUNT RATIO 2. TOTAL DUE (INCL CURRENT DUE) RATIO 3. OUTSTANDING BALANCE RATIO 4. DUE AMOUNT RATIO (INCLUDING CURRENT DUE)
34311077	<p>SR: 3-29927401881</p> <p>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.</p> <p>However, reports are displayed properly when directly generated from the BIP server.</p>	<p>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.</p>
34483485	<p>SR: 3-30322372734</p> <p>It is noticed that there are duplicate condition code on accounts which is affecting almost 5000 accounts.</p>	<p>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).</p>
34488074	<p>SR: 3-30343412261</p> <p>During End of Day processing the batch jobs TXNRAT, TXNMTD AND TXNTIP failed with unhandled exception even though there are no records to process.</p>	<p>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.</p>
34508354	<p>SR: 3-30377225371</p> <p>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.</p>	<p>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).</p>

Bug Id	Bug Description	Fix Description
34538718	<p>SR: 3-30481964361</p> <p>It is noticed that when the accounts got loaded through the conversion process, timestamp is not captured.</p> <p>On downloading the data these accounts got filtered out as the timestamp is not there.</p>	<p>During migrating of accounts, instead of taking the values from ltables to main tables system is taking sysdate for creation_date and last_update_date. The same has been corrected to resolve the issue.</p>
34548839	<p>SR: 3-30512104031</p> <p>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.</p>	<p>Fix has been provided with code changes in txnpmem_100_05 to process the records faster and also changed the lv_clause logic to pick lv_clause2.</p>
34553955	<p>SR: 3-30530036651</p> <p>Request for change in RPTRFR_EM_100_01 package for performance improvement in the securitization reports,</p>	<p>Updated code has been provided in the patch to enhance securitization reports generation process.</p>
34575605	<p>SR: 3-30567637948</p> <p>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.</p>	<p>Fix has been provided by adding Company, Product Type, and Funding Type fields in UIX_UUP_EVW view to copy the details.</p>
34577227	<p>SR: 3-30570065477</p> <p>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.</p>	<p>Data fix has been provided such that when Master Excess Payment has Payment Excess allocation, system reverses Payment Excess during MEA reversal.</p>
34582337	<p>SR: 3-30570065557</p> <p>In production environment, the Master Account is not reflecting the correct credit balance and due to this users cannot identify their correct credit balance.</p>	<p>Fix has been provided with package level changes in txnprc_el_100_01.pkb and txnmea_em_100_01.pkb to resolve the issue.</p>
34595164	<p>SR: 3-30629684194</p> <p>On running master excess batch job, excess amount is getting allocated which is greater than the due amount on that account.</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
34606674	<p>SR: 3-30648921981</p> <p>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.</p>	<p>Code fix has been provided to improve the performance of the month end revrec batch job.</p>
34629793	<p>SR: 3-30696466041</p> <p>In staging environment, the Event Service shut down since there was no node instance received from queries and was unable to start later.</p>	<p>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.</p>
34631037	<p>SR: 3-30709710381</p> <p>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.</p>	<p>Debug generation code has been corrected for the below units:</p> <ol style="list-style-type: none"> 1.evacup_en_100_01.pkb 2.lbxprc_ew_100_01.pkb 3.pjrpev_bj_100_01.pkb 4.tnmprc_ew_100_01.pkb 5.txntrd_en_100_01.pkb
34291300	<p>SR: 3-29832869771</p> <p>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.</p>	<p>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.</p>
34553735	<p>SR: 3-30516969261</p> <p>In production there are some accounts that have a future start date in the application.</p> <p>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.</p>	<p>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.</p>
34294225	<p>SR: 3-29848078701</p> <p>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.</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
34676160	SR: 3-30829080001 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.
34435869	SR: 3-30236828581 Metro II date of first delinquency and Pmt ratings are blank due to missing parameter	Fix has been provided, if the parameter ACC_MATURITY_DELQ_EXCLUDED is disabled then system considers the value as 'Y'. Working as expected
34554179	SR: 3-30619781441 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 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.
34582699	SR: 3-30575028541 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.
34649749	SR: 3-30738125051 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 txndlg_en_100_01.compute_dlg_details, the delinquency amount (acc_due_dlg_amt) is updated with the payoff amount(acc_payoff_amt). 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 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

Bug Id	Bug Description	Fix Description
34650498	<p>SR: 3-30748223007</p> <p>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.</p> <p>Due to this issue, system incorrectly reports the delinquency date to metro II.</p>	<p>Fix has been provided such that system sets the first delinquency date to null for repo cases.</p>
34674343	<p>SR: 3-30834952041</p> <p>The processing of securitization reports is taking longer time creating performance issues.</p>	<p>Fix has been provided in RPTRIC_EM_100_01 PACKAGE for performance improvement in the securitization reports.</p>
34694842	<p>OFSLL Scheduler and Services status not in sync with database. The Jobs are running in database but UI shows STOPPED status.</p>	<p>Fix has been provided to ensure that OFSLL Scheduler and Services status are in sync with database.</p>
34708739	<p>SR: 3-30952487621</p> <p>Request for CTQ Report code changes for deployment.</p>	<p>Fix has been provided with required code changes and released as hotfix.</p>
34617605	<p>SR: 3-30676074528</p> <p>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 where the account is posted to does not show the reason code, it shows the original payment reason code.</p>	<p>Ideally, system should show the modified reason code details for the account where the posting happened also not only the account from where the payment is reversed.</p> <p>Hence modified code to populate Reason code from Payment maintenance screen.</p>
34648740	<p>SR: 3-30740536671</p> <p>For specific accounts, on trying to retrieve the account through GetAccountDetails API, the request is failing with 500 error.</p>	<p>For accounts which are being fired to get the account details are getting 500 error because of no data found error.</p> <p>Those accounts have multiple trade records in TRADE details table and tdt_target_aad_id value is not present in the accounts.</p> <p>Fix has been provided to handle the error no data found.</p>
34260372	<p>SR: 3-29742360411</p> <p>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.</p>	<p>Fix has been provided by marking the oldest due date in line with maturity date when it's greater than maturity date.</p>

Bug Id	Bug Description	Fix Description
34531323	<p>SR: SR: 3-30465577901</p> <p>System displays an error message "Payment control Total not matching, Posting not allowed".</p> <p>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.</p>	<p>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.</p>
34564777	<p>SR: 3-30522463741</p> <p>There is an unsupported or unrecognized frequency code for job set and job set frequency code is set as NULL.</p>	<p>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.</p>
34647468	<p>SR: 3-30740180461</p> <p>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.</p>	<p>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.</p>
34672697	<p>SR: 3-30820930001</p> <p>On attempting to update an existing CBC with new condition codes that were identified as needed for the Exclusion criteria, 330+ condition codes.</p>	<p>Fix has been provided such that,</p> <ol style="list-style-type: none"> 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. 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	<p>SR: 3-30895577741</p> <p>The Comment and Call Activity even if generated from same system, it is registered as being sent from 2 different sources.</p>	<p>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.</p>
34715658	<p>SR: 3-30967075241</p> <p>In production environment, the Account Comments are showing with full SSN Unmasked.</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
34745245	SR: 3-31070298731 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 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. 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: Step 1: upgrade_fix_MEA_excl_table_scripts_34768647_01.sql Step 2: upgrade_fix_MEA_excl_table_scripts_34768647_02.sql Step 3: upgrade_fix_MEA_excl_table_scripts_34768647_03.sql Step 4: upgrade_fix_MEA_excl_table_scripts_34768647_04.sql
34785725	SR: 3-31195277161 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.
34834141	SR: 3-31323886041 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.

9. Patch Release 14.12.0.0.7

9.1 Enhancements

Ref No.	Enhancement	Description
NA	Changes to condition posting in Evergreen lease period	The logic of posting 'Evergreen' condition is changed to handle condition posting when evergreen transaction is posted.
NA	Stub/Fiscal Period Feature – New Validations	Couple of validations are added to Stub/Fiscal Period Feature as follows: <ol style="list-style-type: none">1. Flexible repayment flag is not supported for 'Stub' contracts.2. Prorate Stub Flag is disabled for selection in calculator and not supported.3. Disabled the 'Balloon Amt' in Lease calculator for Amortized calculation method.
35084986	Account Conversion – Business Number	In the conversion process, added business number to support loading of existing business. Changes are done in Lease, Loan and Line conversion process.
NA	Calculator Webservices Changes	Added new tags > Maturity Date Basis Code and Prorate Stub Indicator.
NA	Lease Closing Date in Servicing Summary screen	Added 'Lease Closing Date' in Servicing summary screen for Lease Accounts.

9.2 'Evergreen' condition posting changes

9.2.1 Overview

The logic of posting 'Evergreen' condition is changed to handle condition posting when evergreen transaction is posted.

9.2.2 Description

- System posts the 'Evergreen' condition on the account on successful posting of the transaction by the batch job.
- For **Amortized** Method of Lease (Advance & Arrears):
 - **'Evergreen TRANSACTION'** on the 'Lease Closing Date' - Pre bills Days + Evergreen Grace Days
 - **CONDITION** on Lease Closing Date + Evergreen Grace Days
- For **IBL** Method (Advance & Arrears):

- 'Evergreen TRANSACTION' on the 'Maturity Date' - Pre bills Days + Evergreen Grace Days
- **CONDITION** on Maturity Date + Evergreen Grace Days.

Note: Reschedule Transactions like Change Payment etc. are not allowed during evergreen period. (Exception is 'Change Payment' posted automatically by evergreen txn).

9.2.3 Seed Data

SI	TABLE	KEY DATA	TYPE
1	TRANSLATION _DATA	SYS SYS SYS TXN 002300 EVERGREENTRANSACTIONC OULDNOTBEPOSTEDASMATURITYBILLINGHASNOTRUN FORTHEACCOUNT SYS MSG-SE	INSERT

9.3 Fiscal/Stub Period – Additional Validations

9.3.1 Overview

Couple of validations are added to Stub/ Fiscal Period Feature as follows:

- Flexible repayment flag is not supported for 'Stub' contracts.
- Prorate Stub Flag is disabled for selection in calculator and not supported.

9.3.2 Description

Added following validations in Calculator:

- Flexible repayment flag is not supported for 'Stub' contracts. If the contract date leads to 'Stub' and user selects the 'Flexible Repayment' options, system will raise error as follows:
 - 'Flexible Repayments are not supported for stub calendar days'. This validation is applicable for UI, AOB and Calculator Webservices. Note that, this fix contains the list of features, which are continuation of earlier hotfix.
- Prorate Stub Flag is disabled for selection.
 - Prorate Stub Pmt = Y indicates that the amount must be prorated and Prorate Stub Pmt = N indicates that the amount has to be calculated for the cycle in full, even if the days in cycle prorated.
 - For 14.12 release, only 'Y' value is supported. The Prorate Stub flag in calculator is disabled for change and default value is set to Y. For 'Calculator webservices' also Prorate Stub Pmt = Y is only applicable.
- Disabled 'Balloon Payment' field with default value as '0' for Lease > Amortized Calculation method.

- User can handle balloon value by providing the value in 'User defined Schedule' in flexible repayment options.

9.3.3 Seed Data:

SNO	TABLE	KEY DATA	TYPE
1	TRANSLATION_DATA	SYS SYS SYS CLL 001996 FLEXIBLEREPAYMENTSARENOTSUPPORTEDFORSTUBCALENDAR_DAYS SYS MSG-SE Y Y Flexible Repayments are not supported for stub calendar days	INSERT

9.4 Conversion – Business Number

9.4.1 Overview

In the conversion process, added business number to support loading of existing business. Changes are done in Lease, Loan and Line conversion process.

9.4.2 Description

- Added new place holder in conversion 'lv_bus_ind' to capture the existing business number.
- If the input value is Y, it helps to retain the information of existing business number to the newly converted account (Business Details as Original Account and Business).

9.4.3 Seed Data:

SNO	TABLE	KEY DATA	TYPE
1	INPUT_FILE_RECORD_DETAILS	API_BUSINESS_APPL_DETAILS 89 BSD_BUS_NBR BUSINESS NUMBER VARCHAR2 UNDEFINED 30 88 Y API_BSD_LEASE_EXT API_BUSINESS_APPL_DETAILS 89 BSD_BUS_NBR BUSINESS NUMBER VARCHAR2 UNDEFINED 30 88 Y API_BSD_LINE_EXT API_BUSINESS_APPL_DETAILS 89 BSD_BUS_NBR BUSINESS NUMBER VARCHAR2 UNDEFINED 30 88 Y API_BSD_LOAN_EXT	INSERT

9.5 Calculator – Web Services Enhancements

9.5.1 Overview

New tags are added in the existing **/origination/calculator** services along with other changes.

9.5.2 Description

- Added new tags in existing Origination > Calculator services > Lease (Applicable for only 'Amortized' method in service request:

- "MaturityDateBasis": "P" (Default Value 'P')
- "ProrateStubPmt": "Y" (Default Value 'Y')

Currently, system supports only Prorate Stub Pmt = Y value to fetch the results.

- Changes in services response:
 - "LeaseClosingDate": "2022-09-02"
 - "MaturityDateBasis": "P"
 - "ProrateStubPmt": "Y"

9.5.3 Seed Data

NA

9.6 Lease Closing Date – Servicing Summary Screen

9.6.1 Overview

- 'Lease Closing Date' field is added in Servicing > Summary Screen.

9.6.2 Description

- 'Lease Closing Date' field is added in Servicing > Summary Screen for Lease Amortized Lease Accounts.
- For the existing Lease Amortized Accounts, this field shows NULL values.

9.6.3 Seed Data

NA

9.7 Seed Data changes for Impacted Bugs

NA

9.8 Patches and Bugs

Bug Id	Bug Description	Fix Description
35087756	SR: 3-32168428131 While on-boarding accounts, the Account on-boarding web service displays the Yield Rate as zero sometimes and due to this the Income Report is not generated.	Fix has been provided with code changes to clear the gtt table (CLL_GTT_APC_EVW) properly (which did not happen in some cases) so that there is no issue while generating the Income Report.
35110549	SR: 3-32158552824 The income projection for fiscal Arrears is commencing after the first payment date instead of contract start date.	It was noticed that ARREARS contract with Due Day - 1 cases are failing and the same has been fixed such that the system calculates the income schedule properly for arrears method having due day as 1.
34712139	SR: 3-30951459151 In Origination Application Creation Webservice API, there is No tag found to mark an application as Master and to link the child application(s) to a master level.	Fix has been provided by adding elements 'MasterAccountInd and MasterAccountNumber' in Post Application Entry webservice request. For more details, refer to Enhancement section.
34996826	SR: 3-31904461871 In Lease Calculator API and UI, the lease calculator is not returning correct maturity date for the ADVANCE Rent collection method when the Maturity Date Basis is 'EFFECTIVE DATE'.	Fix has been provided by updating UIX_PTT_CAL_FVW(DSP_LS_AMZ_MATURITY_DT) with condition for calculating Lease Closing Dt when Contract Dt and Payment Dt are same and maturity dt basis is Effective Dt.
35079255	SR: 3-32133222241 For every active Line account in production, system posts a Rate Change transaction in error and this is impacting weekly statements and results in charging lower rate of interest.	Fix has been provided such that the data correction script is updated in all active line accounts with ACC_RAT_RUN_DT_NEXT = DT_MAX, so that those accounts won't be picked in rate change batch job.
35098714	SR: 3-32197047381 After the equifax (EFX) Credit Bureau was invoked and Bureau request was completed successfully, system did not parse Credit score correctly from the report.	Fix has been provided for the respective Report by updating MYCTX->EFX_IS24M to TRUE instead of FALSE to parse payment history data.
35115222	SR: 3-31824795008 When the active condition from the account is cancelled, the account condition table ACO_ASG_CODE value is getting updated as NOQUEUE instead of updating as UNDEFINED.	Fix has been provided such that while posting NO_CONDITION condition code, the system updates ACO_ASG_CODE as UNDEFINED.

Bug Id	Bug Description	Fix Description
35119114	SR: 3-32258769161 When SET-TPE batch is enabled system displays an error message 'Sequence for UUT_JOB_EVW should be unique for the job Set SET-TPE'.	Fix has been provided to modify the sequence number for TXNSTM_BJ_100_02 in UI.
35122748	SR: 3-32239586381 The lease calculator is calculating last stub days with one day extra.	Fix has been provided with package level changes in txnprc_el_100_02.pkb so that System calculates stub days correctly during the last billing. For more details, refer to enhancement section.
35122751	SR: 3-32262368939 The required seed data for User Defined Parameters is missing in Action tab.	Documentation has been revised to provide the appropriate seed data for the missing parameters in User Defined Parameters table.
35131386	SR: 3-32298195681 During Account OnBoarding, system displays an error message "504 Gateway Time-out" and does not allow to onboard accounts.	Fix has been provided with code changes in Account Onboarding service such that the Request Timed Out value has been set appropriately to ensure that system doesn't time out before processing the request.
35136462	SR: 3-32300608981 User needs provision to skip zip code validation at business and collateral level.	Fix has been provided with code changes to do the zip code validation only if country lookup sub code is not in "NO_ZIP_VAL".
35084986	SR: 3-32163800501 In lease contract conversion process, there is no option to provide the business number when loading for existing business.	Fix has been provided by adding business number to support loading of existing business in the conversion process. Changes are done in Lease, Loan and Line conversion process. For more details, refer to enhancement section.
35093944	SR: 3-32184021291 Following java error is returned when running specific reports: run_report_server_job Exception while calling report service: Inconsistent java and sql object	Fix has been provided with code changes to correct the record types in java layer to resolve the issue.

10. Patch Release 14.12.0.0.8

10.1 Enhancements

Ref No.	Enhancement	Description
34936394	Support of Stub Period Billing during Evergreen Period	System is enhanced to calculate stub billing during the Lease evergreen period.
NA	Origination - Label Configuration	Provided Label Configuration and Field access to some of the Origination tabs for "Romanian" Language.

10.2 Fiscal/Stub Period – Handling during Evergreen Period

10.2.1 Overview

Following changes are introduced to Stub/ Fiscal Period feature as indicated below:

- Flexible repayment flag is not supported for 'Stub' contracts.
- Prorate Stub flag is disabled for selection in calculator since it is not supported.

10.2.2 Description

System prorates the payment amount in evergreen, if the account is 'Stub' based.

While posting the 'Evergreen' transaction by batch job, system follows the steps as below:

Identify if the account is normal or Stub based account.

- If the account is normal, system posts the payment amount based on the option selected in the contract like % of Standard Amt or Fixed amount etc.,
- If the account is 'Stub Based' and option selected is '% on Standard Payment Amount' then system generates the **first** payment of Evergreen based on proration.
 - **Note:** Stub based proration is not applicable for other evergreen options like 'Fixed Amt or '% on final bill'
 - Also, this stub proration is not supported for 'Evergreen' transaction posted manually on account in servicing stage.
- From subsequent evergreen bill, system generates the bill amount based on '% of Standard Payment Amount'
- **System posts the 'Stub' at the beginning of evergreen period and final stub days are handled operationally.**

Example 1:

Standard Payment Amount = 30\$ Per Month

Evergreen Payment Option: % of Standard Payment Amt

% Specified in Contract: 100%

If the stub proration is for 14 days, system generates the 1st evergreen amount as 14\$ and subsequent bill on wards, system generates bill for 30\$.

Example 2:

Standard Payment Amount = 30\$ Per Month

Evergreen Payment Option: % of Standard Payment Amt

% Specified in Contract: 50%

If the stub proration is for 14 days, system generates the 1st evergreen amount as 7\$ and subsequent bill on wards, system generates bill for 15\$.

10.2.3 Seed Data



Microsoft Excel
Worksheet

10.3 Origination - Label Configuration

10.3.1 Overview

Provided Label Configuration and Field access Definition to some of the Origination Tabs.

10.3.2 Description

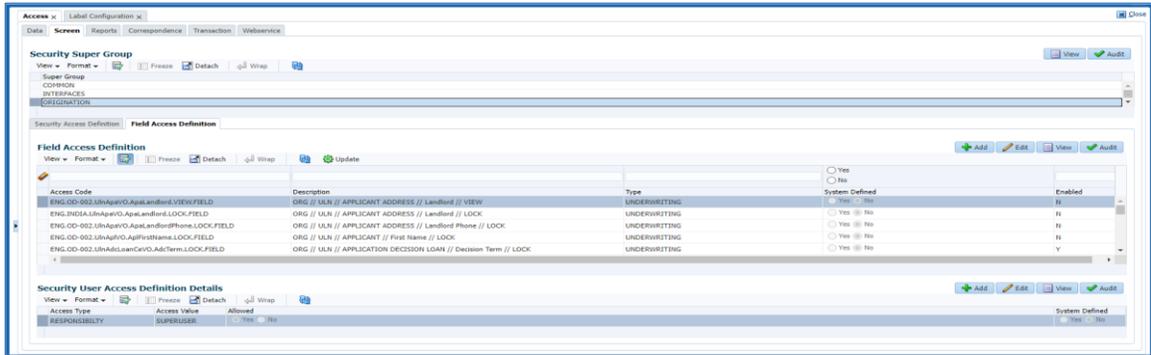
Following Origination tab enabled for “Label Configuration” and “Field Access Definition”.

- Added the “Romanian” as a language option as a lookup value in “TRD_LANGUAGE_CD” Lookup Type.

Setup> System > Label Configuration.

Language	Division	Object Type	Object Name	Language	Is Type	User Defined Label	Tooltip	Required	Display (Yes/No)	Enab
ENGLISH	ALL	TAB	APPLICATIONCREDITBUR	DEFAULT	DEFINED	FRAUD MESSAGES	UNDEFINED	N	Y	Y
ENGLISH	ALL	HEADER	APPLICATIONCREDITBUR	FRENCH	DEFINED	Inquiries	UNDEFINED	N	Y	N
ENGLISH	ALL	TAB	APPLICATIONCREDITBUR	JAPANESE	DEFINED	Inquiries	UNDEFINED	N	Y	Y
ENGLISH	ALL	HEADER	APPLICATIONCREDITBUR	ROMANIAN	DEFINED	Public Records	UNDEFINED	N	Y	N
ENGLISH	ALL	TAB	APPLICATIONCREDITBUR	PU...	UNDEFINED	Public Records	UNDEFINED	N	Y	Y
ENGLISH	ALL	HEADER	APPLICATIONCREDITBUR	SAURE...	UNDEFINED	Report Header	UNDEFINED	N	Y	Y
ENGLISH	ALL	HEADER	APPLICATIONCREDITBUR	AUSC...	UNDEFINED	Credit Scores	UNDEFINED	N	Y	Y
ENGLISH	ALL	TAB	APPLICATIONCREDITBUR	AUSC...	UNDEFINED	Credit Scores	UNDEFINED	N	Y	Y
ENGLISH	ALL	HEADER	APPLICATIONCREDITBUR	AUST...	UNDEFINED	Consumer Statements	UNDEFINED	N	Y	Y
ENGLISH	ALL	TAB	APPLICATIONCREDITBUR	AUST...	UNDEFINED	Consumer Statements	UNDEFINED	N	Y	Y
ENGLISH	ALL	FIELD	USASEVO	ASLIENRELEASEOUSEN...	VAR-CHAR	ENTITY NAME	SELECT THE ENTITY NAME	N	Y	Y
ENGLISH	ALL	FIELD	USASEVO	ASLIENRELEASEENTITYCD	VAR-CHAR	Lien Release Entity	Select the lien release entity	N	Y	Y
ENGLISH	ALL	FIELD	USASEVO	ASLIENRELEASEENTITYNAME	VAR-CHAR	Entity Name	Select the entity name	N	Y	Y
ENGLISH	ALL	FIELD	USASEVO	ASLIENRELEASEPROENTITY	VAR-CHAR	Entity Name	Select the entity name	N	Y	Y
ENGLISH	ALL	FIELD	USASEVO	ASLIENSTATUSCD	VAR-CHAR	Lien Status	Select the lien status	N	Y	Y

Setup > User > Access > Screen > Field Access Definition



Origination Tabs:

Application Entry:

- Application Entry Tab
- Applicant Tab
- Address Tab
- Employment Tab

Request Tab:

- Request Tab (loan/line/lease)
- Itemization Tab

Underwriting/ Decision Tab:

- Decision Information (Loan/Line/Lease)
- Itemization Tab
- Subvention Tab (Loan/Lease)
- Multiple Offers Tab
- Bureau Tab(Bureau Detail, Applicant/Customer Detail, Business Details, Report Header)
 - Bureau Report
 - Trade lines
 - Public Records
 - Collections
 - Fraud Messages
 - Inquiries
 - Also Known As
 - Consumer Statements
 - Credit Scores
 - Add-On
 - Exception
- Collateral Tab (Vehicle/Home/Other)

- Seller
- Valuation
- Tracking
- Add-ons

Funding Tab:

- Contract Tab (loan/line/lease)
 - Contract (2)
- Tools Tab (loan/lease)

10.3.3 Seed Data:



Microsoft Excel
Worksheet

10.4 Seed Data changes for Impacted Bugs

NA

10.5 Patches and Bugs

Bug Id	Bug Description	Fix Description
35133578	SR: 3-32307072021 System displays an error on storage during SET-TPE batch job execution and due to this there is no successful completion of SET-TPE batch job processing.	Fix has been provided with code changes to avoid batch job failures by handling the required exceptions.
35155236	SR: 3-32369424861 In the production environment, there is an issue with Advance batch posting via batch job. When posted manually through UI, system validates the group totals but when posted via batch the group totals are not validated.	Fix has been provided with code changes such that while running batch job SET-LBT TXNADV_BJ_112_01, system validates the group totals.
35158421	SR: 3-32246365871 System does not allow to add existing non-primary customer to new application.	Fix has been provided with code changes so that the system allows to add existing non-primary customer to new application.
35195168	SR: 3-32457995221 In the production environment, an error message is displayed "Error in: evatxn_en_100_01.post_batch_txn" when SET-EVE - EVEPRC_BJ_100_01 batch job is run for Events batch processing.	Fix has been provided by adding column 'TXN_CHG_PMT_ADJ_METHOD_CD' to the View EVA_TXN_TEMP_EVW to resolve the issue.
35213416	In multiple screens, there are Hard coded labels for 'No records displayed' and 'Access denied'. Due to this, the labels are not getting translated when changed to Japanese.	Fix has been provided by removing hard coded labels for 'No records displayed' and 'Access denied'.
35244449	SR: 3-32612935711 During migration of line account the IAPPLICATION_CONTRACT_FEES is not getting inserted.	Fix has been provided by moving out the 'IF STATEMENT' contract fees insertion from the 'IF STATEMENT' of contract detail. So, Contract fee details will now be inserted even if contract detail is not available for the account.
35244654	SR: 3-32536144771 For migrated accounts, the XVL_MTD_RUN_DT_NEXT and XVL_TAM_RUN_DT_NEXT are being fired when the GL date is 1 st of the month. These are not being fired when the GL date is like 31 st of the month.	Fix has been provided by modifying XVL_MTD_RUN_DT_NEXT and XVL_TAM_RUN_DT_NEXT to validate edits correctly.

Bug Id	Bug Description	Fix Description
35261311	SR: 3-32671294391 System does not allow to post Index Margin Rate Change Transaction on Line account as it is validating the transaction date with Due Date- prebill days.	Fix has been provided with code changes so that index rate is populated in account details.
35267606	SR: 3-32684821721 During Application Entry through Webservice, system does not allow to send Education Level Code from Webservice layer. Also, the Education field is not populated in the UI even after passing the parameter in the Application creation Web service.	Fix has been provided with code changes such that new element is brought from applicant level for inserting the education code for the application.
35301989	SR: 3-32784145576 An error message is shown as 'Unable to Process the request' in the GET application service in customer environment. Application Details service is not working, if new business details is added for the application.	Fix has been provided with code changes to fetch the application details using Application Details web service.
35309223	SR: 3-32802687941 There is no field to store lease_closing_dt in conversion. The batch job is taking more than usual time for minimum records.	Fix has been provided with code changes such that the Lease closing date is now populated with correct value for calculation method as Amortized.
34313712	SR: 3-29937100871 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.
34582954	SR: 3-29482202221 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.
34609877	SR: 3-30660347841 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.

11. Patch Release 14.12.0.0.9

11.1 Enhancements

Ref No.	Enhancement	Description
NA	Configure Number Generation	Provided an option to configure the Account Number and Application Number for the Funding/WebServices /Conversion process
Bug 34503934	Extend the CLOB parameter for Conversion process	Provided a facility to upload the .dat files using the incoming file WebService or in Application server and then process the files. Also access .bad/.log files from Process Files > Incoming menu.
NA	WebService alert logging	Provided a facility to configure and enable the logs for web services and then system generates the logs that can be downloaded from U.I > Dashboard > DB Server logs.
34955220 & 34962882	Configurable Date Format	System allows to configure multiple date formats for 'Flex Table Attribute' dependent fields, except Setup > System Parameters > Company Parameter.
NA	Periodic fee maintenance	Provided a facility to configure multiple periodic fee maintenance transactions for Loan/Line/Lease accounts.
NA	Master Excess Allocation	For Master Excess Allocation, a new field is introduced to hold any credit balance / excess amount coming out of the master excess allocation process.
NA	Calculate Action Code in AOB	Currently, AOB service doesn't validate the values and create account based on user input. Hence provided a new element to calculate 'Action Code' in AOB.
35200657	Business Only - Application Entry - Applicant Info	System is enhanced to support 'Business Only' feature in Origination. However, current scope of the enhancement is limited to handle identified basic cases which is explained in the enhancements section.
NA	New Web Services	Following new webservices are introduced: <ul style="list-style-type: none">• Application Contract PUT• Bureau Details GET

11.2 Configure Number Generation (ADF)

11.2.1 Overview

When OFSLL is deployed in cloud instances, it is not possible to customize some of the systems generated numbers.

With this change, you can configure Number Generation Logic for the below entities:

- Account Number
- Application Number

11.2.2 Description

Following changes are applicable for Loan, Line, and Lease

New Menu

Provided a new Maintenance menu as 'Number Generation' under Setup > Administrator > User.

On opening this screen, following sections are available:

- Number Generation Definition
 - It has Add, Edit, View, and Audit options.
 - Also, 'Validate Sequence' and 'Disabled' buttons at the header
 - 'Validate Sequence' gets enabled if the record is disabled
 - 'Disabled' button gets enabled if the record is enabled
- Number Sequence
 - It has Add, Edit, View, and Audit options.

Number Generation Definition

Clicking 'Add', system allows to input following details:

Field	Description	Req'd	Type	Default	Field Validation
Company	Indicates the company filter on which the System should generate the Number.	Yes	LOV	ALL	Refers to the company setup screen, which is enabled along with 'ALL.'
Branch	Indicates the Branch filter on which the System should generate the Number.	Yes	LOV	ALL	Refers to the Branch setup screen and shows which belong to the selected company and are enabled along with ALL. (If company is ALL, then Branch will show ALL)

Entity	Select a value where the System should use the definition to generate the Number	Yes	A/N	NULL	It will refer to the NUM_GEN_ENTITY from the UDT
Channel	Indicates the Channel filter on which the System should generate the Number.	Yes	A/N	All	It will refer to the APP_SOURCE_CD from the lookups (This is applicable only for Application & Account Number alone)
User Sequence Reset Freq	Select a value on how frequently system should reset the user sequence. This can be used as a counter to the number of records within a selected duration.	Yes	LOV	NONE	It will refer to the NUM_GEN_USR_SEQ_RESET_F REQ_CD from the lookups
Max Length	Indicates the Length of the unique Number that should generate	No	Number	Null	System populates from the Entity UDT's attribute length. Users can change the value and the system validates with Units to the UDT length. i.e., it should not be greater than the attribute length.
Limit Length	Reference to the Length of the Number to override max length or not	Yes	Boolean	Fixed	System decides whether to generate a fixed sequence number or variable in both cases, and System will through an error if sequence number breaches the Max Length. Fixed Length gives an error when max Length is reached and ensures that generated Number is always of that Max length. If it is shorter than the Max Length field, zeros will be prefixed to the system sequence number. No zeros prefixed for Variable Length and no validation

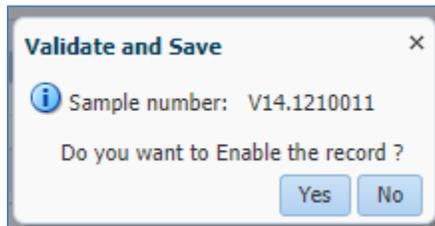
Check Sum Digit	Reference to whether System should add a checksum to the end of the final generated Number or not	Yes	Boolean	No	If it is enabled, then system adds a check digit to the end of the Number. (Length of this is always 1)
Enabled	Enable If a user wants to use this definition	Yes	Boolean	No	If it's enabled, system uses this definition. Note: user can enable the using the 'Validate Sequence' button.

In the child section - 'Number Sequence' section, system allows to input following details:

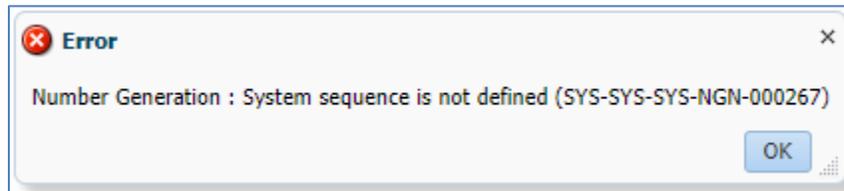
Field	Description	Required	Type	Default	Field Validation
Sequence	Sequence in which System should use the number generation logic	Yes	Number	null	should be entered unique for a given definition
Units	Reference fields in which the System should generate the Number using the data values	Yes	LOV	Based on the LOV	Will refer to the NUM_GEN_UNITS_CD
Value	Input the desired value for the user input Units	Yes	A/N	Null	Any text/value can be entered if the Units are: CONSTANT USER_SEQ RND_NUM SYS_SEQ
Enable	Indicates whether this parameter is to be used in the number generation or not	Yes	Boolean	No	enable or disable

Post creating the parent and child records, clicking the '**Validate Sequence**' button, system performs the following validations on the created definition:

- Validates that there should be a 'System Sequence Number' unit should enable. If the user enables **Xref/External Application number/Application Number**, then system sequence is not mandatory.
- Length of all units + Check Digit (if enabled) together should not be greater than the Max Length at the parent record
 - If all validations are passed, system shows an informative popup window with a sample number, along with 'Do you want to Enable the record?' message with 'Yes/No' options., If user select
 - Yes – then system enables the definition
 - No – then system closes the window, and no action performed
- Users don't have option to enable/disable manually. Unless all validations are passed, then only system allows to enable the record. To disable, use 'Disable' button.'



Result: if any of these validations got failed, system shows an error with below message



Provided two new lookups as follows:

- Lookup Code: NUM_GEN_USR_SEQ_RESET_FREQ_CD
- Lookup Description: NUMBER GENERATION USER SEQUENCE RESET CODE
- System Defined: Yes
- Following Lookup Codes are provided
 - None | Daily | Weekly | Monthly | Quarterly | Semi-Annual | Annual
- Lookup Code: NUM_GEN_UNITS_CD

Lookup Code	Description	System Defined	Enable	Behavior
CONSTANT	Constant	Yes	Yes	It will accept the value and use it for number generation. The system considers the Number of characters in the value as the length of this parameter
YYYYMM	Record Creation Year/Month (YYYY/MM)	Yes	Yes	Defaults the length of this parameter is always 6

Lookup Code	Description	System Defined	Enable	Behavior
YYYY	Record Creation Year (YYYY)	Yes	Yes	Defaults the length of this parameter is always 4
Y.Y.	Record Creation Year (Y.Y.)	Yes	Yes	Defaults the length of this parameter is always 2
MM	Record Creation Month (MM)	Yes	Yes	Defaults the length of this parameter is always 2
D.D.	Record Creation Date (D.D.)	Yes	Yes	Defaults the length of this parameter is always 2
USER_SEQ	User Sequence Number > Length	Yes	Yes	<p>Only allowed value is 'Integer'. Based on the user input integer is considered as length of the Number.</p> <p>E.g., If a user provides the value 5, then length will be 5</p> <p>System will generate the sequence number always beginning with 1, and based on the length provided, it should pad with zeros</p> <p>in this example, System should start first Number as 00001</p> <p>The 10th number is 00010, 100 the Number is 00100</p> <p>If it reaches the max number, say 99999, again it will begin with 00001</p>
RND_NUM	Random Number > Length	Yes	Yes	<p>Only allowed value is 'Integer'. Based on the user input integer is considered as length of the Number.</p> <p>E.g., if the user provides the value as 3, then length should be 3. System should generate the random Number of this length</p> <p>Always same length number is generated. Achieved by prefixing 0 (zero) to all number Units to meet their respective lengths</p> <p>Error when Max Length is breached due to overflow of user/system sequence numbers.</p>

Lookup Code	Description	System Defined	Enable	Behavior
SYS_SEQ	System Sequence Number >Length	Yes	Yes	<p>Only allowed value is 'Integer'. Based on the user input integer is considered as length of the Number.</p> <p>E.g., if a user provides the value 5, then length should be 5</p> <p>system should generate the sequence number by referring then System Seq, and it should not pad with zeros</p> <p>in this example, System should start first Number as 1001</p> <p>10th number is 1010, 100 the Number is 1100</p> <p>No prefixing of 0 to any Unit, so generated Number will be variable in length. i.e., Continue to generate if Max Length allows.</p>
XREF_NUM	XREF NUMBER	Yes	Yes	<p>If a user enables this Unit, System will not allow to enable any other parameter.</p> <p>Allowed for both Entities Account Number & Application Number</p> <p>If this is used, System should use the 'Xref Number' shared as part of the W.S. request to create either Application POST-WS / Account POST WS</p> <p>Application POST-WS</p> <p>Simple Application Entry W.S.</p> <p>Account WS</p> <p>AccountBoarding WS</p> <p>Conversion</p> <p>Not applicable for</p> <p>Scenario Analysis</p> <p>Funding</p>

Lookup Code	Description	System Defined	Enable	Behavior
APP_NUM	APPLICATION NUMBER	Yes	Yes	<p>If the user enables this Unit, System will not allow to enable any other parameter.</p> <p>Only allowed if Entity Account Number</p> <p>If this is used, System should use the same 'Application Number' for that Account Number</p> <p>Account WS AccountBoarding WS Conversion Funding</p>
EXT_APP_NUM	EXTERNAL APPLICATION NUMBER	Yes	Yes	<p>If user enables this Unit, System will not allow to enable any other parameter.</p> <p>Only allowed for 'Account Number' entity</p> <p>If this is used, System should use the 'External Application Number' for that Account Number</p> <p>Account WS AccountBoarding WS Conversion Not applicable for Funding</p>

Note the following:

From this patch release, the below system parameters are considered deprecated, and you cannot configure as system does not use these parameters in processing. The new number generation setup is currently limited and will be enhanced to support existing use cases (customer/business /vendor /producer/work order/invoice etc.) in subsequent releases.

- AUTO_GEN_APP_NBR_CONV
- AUTO_GEN_ACC_NBR_CONV
- AUTO_GEN_ACC_NBR_CONV
- Copy Application option continues to create new application number as per the Setup.
- Suppose if you need to use any of these options Xref/External Application Number/Application Number. In that case, you must differentiate between channels for the Scenario Analysis, U.I., and W.S. process. I.e., if you wants to use both UI and WS process, then you need to create multiple definitions in the combination of **'Company/Branch/Entity/Channel.'**

- System always checks the configuration. If the number generation setup record is not found, system auto-generates the Number using the default system generation logic alone. This can work as a mechanism to identify if a Number should be generated by system or as per user-defined logic in this maintenance screen.

Screen Changes:

Number Generation Definition

Company	Branch	Entity	Channel	User Sequence Reset Freq	Max Len
ALL	ALL	ACCOUNT NUMBER	ALL	ANNUAL	20

* Company ALL * Channel ALL * Limit Length FIXED VARIABLE
 * Branch ALL * User NONE Checksum Digit
 * Entity Sequence Reset Freq Max Length 0

Number Sequence

Sequence	Units	Value	Enabled
0			N
1	CONSTANT	14.12ITR1_	Y
2	SYSTEM SEQUENCE NUMBER LENGTH	2	Y
3	USER SEQUENCE NUMBER LENGTH	3	Y
4	RECORD CREATION MONTH(MM)	2	Y

* Sequence 0 Enabled
 Units Value

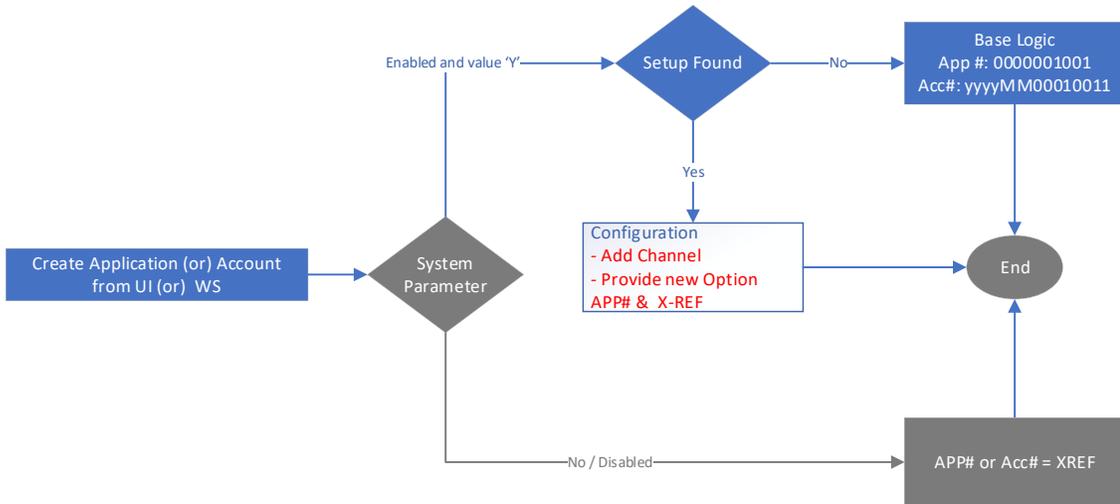
Validate and Save

Sample number: 14.12ITR1_100125906

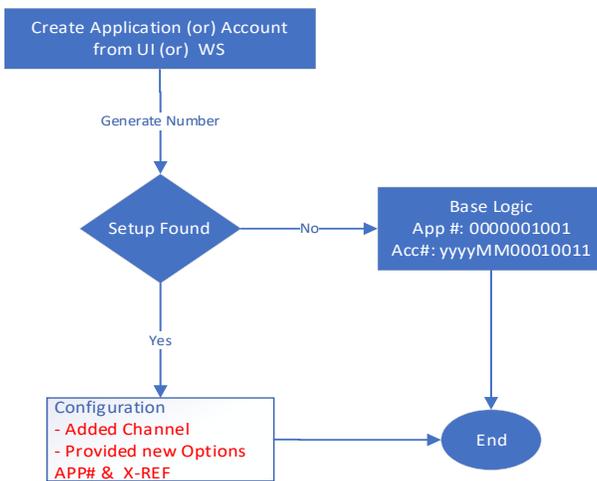
Do you want to Enable the record ?

Yes No

Existing Flow (Grey part flow now deprecated)



New Flow:



11.2.3 Seed Data

Click [here](#) to view the Seed Data.

11.3 CLOB Conversion

11.3.1 Overview

Currently, you need to manually load the API files in a server location to do the conversion.

This is enhanced such that you can upload the API files via the Incoming file upload web service and do the conversion.

11.3.2 Description

To use this feature, you need to set the CMN_FILE_PROCESS_TO_LOB system parameter = Yes and Enable it.

- The following files should be sent with delimiter as pipe '|'. These files are variable, I.e., if the length of the column = 30, data can be sent without any left (or) proper padding or spaces in that position

Beginning file name	Table Name / File Structure
api_acc%	API_ACCOUNTS
api_ach%	API_ACCOUNT_ACH_DETAILS
api_abl%	API_ACCOUNT_BALANCES
api_abh%	API_ACCOUNT_BKRP_HISTORY
api_aco%	API_ACCOUNT_CONDITIONS
api_adh%	API_ACCOUNT_DUE_DATE_HISTORY
api_art%	API_ACCOUNT_PMT_CHG_SCH
api_acr%	API_ACCOUNT_RATE_SCHEDULE
api_acp%	API_ACCOUNT_REPMT_SCHEDULE
api_ase%	API_ASSETS
api_acx%	API_ASSET_CHARGE_MATRIX
api_aas%	API_ASSET_CHARGE_SUMMARY
api_bkp%	API_BANKRUPTCY
api_bsa%	API_BUSINESS_APPL_ADDRESS
api_bsl%	API_BUSINESS_APPL_AFFILIATES
api_bsd%	API_BUSINESS_APPL_DETAILS
api_bsf%	API_BUSINESS_APPL_FINANCIALS
api_bsb%	API_BUSINESS_APPL_LIABILITIES

Beginning file name	Table Name / File Structure
api_bsp%	API_BUSINESS_APPL_PARTNERS
api_bst%	API_BUSINESS_APPL_TELECOMS
api_bcs%	API_BUSINESS_CREDIT_SCORE
api_acm%	API_COMMENTS
api_con%	API_CONTRACTS
api_acd%	API_CONTRACT_DETAILS
api_crd%	API_CREDIT_CARDS
api_cusoth%	API_CUSTOMERS_OTHER
api_cusprim%	API_CUSTOMERS_PRIMARY
api_csc%	API_CUSTOMER_CREDIT_SCORE
api_ins%	API_INSURANCES
api_pdc%	API_POST_DATE_CHECKS
api_sbv%	API_SUBVENTIONS
api_att%	API_TRACKING_ATTRIBUTES
api_tdt%	API_TRADE_DETAILS
api_txns%	API_TXNS

- You need to send the data in the same order on how the tables are being created.
- Data should be present based on the column length and data type of the column.
 - If you are using UI, then upload the files in App Server > @Home Path/input/API folder.
 - If you are using WS/setup/incoming file, then use filetype as 'API'.
- The file structure is not configurable.
- There are no separate files for Loan/Line/Lease. I.e. In a table of Loan account creation, the user needs to identify the columns applicable to specific product types, then send those data alone in that table.
- You can send multiple accounts in a single file.
- Once all required files have been uploaded, run the new batch job SET > API > APIDMP_BJ_100_02 > LOAD IPF API RECORDS to load the uploaded files into API tables.
- Once data is uploaded onto API tables, the existing process will follow. I.e. this feature is another mode of uploading the data into the API tables. Post that, the user can directly run SET-API Batch# 1 - ACCDMP_BJ_100_01 to move the data into the 'I' tables and then validate the data.

- While loading the data in API tables using a new batch job, if there are any data errors, then you can access those LOG and BAD files from U.I. by navigating from Dashboard > Process Files > Incoming Process File > Uploaded Files.

File Name	File Type	File Dt	Status	User
api_aba_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_bxns_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_tdt_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_sbv_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_pdc_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_ins_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_cusprim_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_cusoth_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_csc_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN
api_crd_112.dat	CONVERSION	05/29/2023 12:00:00 AM	SUCCESS	KALYANI VIVEKANANDAN

If it is rejected, using the LOG/BAD data, you can download the file

File Name	File Type	File Dt	Status	User
api_abl_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_bxns_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_cusprim_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_con_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_ase_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_adh_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_aco_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_acm_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_acd_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN
api_acc_112_1a.dat	CONVERSION	05/29/2023 12:00:00 AM	REJECTED	KALYANI VIVEKANANDAN

```
C: > Users > rakesh boina > Downloads > api_abl_112_1a (2).dat

1 ~Error: 1 Array Index: 1 Message: ORA-00001: unique constraint (.) violated
2 Error: 2 Array Index: 2 Message: ORA-00001: unique constraint (.) violated
3 Error: 3 Array Index: 3 Message: ORA-00001: unique constraint (.) violated
4 Error: 4 Array Index: 4 Message: ORA-00001: unique constraint (.) violated
5 Error: 5 Array Index: 5 Message: ORA-00001: unique constraint (.) violated
6 Error: 6 Array Index: 6 Message: ORA-00001: unique constraint (.) violated
7 Error: 7 Array Index: 7 Message: ORA-00001: unique constraint (.) violated
8 Error: 8 Array Index: 8 Message: ORA-00001: unique constraint (.) violated
9 Error: 9 Array Index: 9 Message: ORA-00001: unique constraint (.) violated
10 Error: 10 Array Index: 10 Message: ORA-00001: unique constraint (.) violated
```

Note: You can upload files based on the company and system processes them accordingly.

11.3.3 Seed Data

Click [here](#) to view the Seed Data.

11.4 Webservice Alert Logging

Currently when working on the web service and enabled CLOB = 'Y,' if encountered with any issues, system does not log details into the alert log.

Also, you cannot access the Webservice admin logs from UI since the access is restricted to the Database administrator.

This has been enhanced such that you can configure and enable the logs for those respective web services, generate the logs, and download them from U.I.> Dashboard > D.B. server logs.

11.4.1 Overview

- You need to configure the system parameter with the help of the root package of the required web service.
- Below table provides the parent package for each individual service.

#	Method	Service Name	Parent Package
1	POST	Business Comments Create Service	XCSXCM_EW_100_01
2	POST	Business Payment Posting Service	xbtpmt_ew_100_01
3	PUT	Business tracking attribute Update Service	xcsbta_ew_100_01
4	GET	Business Comments Fetch Service	XCSXCM_EW_100_01
5	GET	Business Credit Limit Fetch Service	xcscr1_ew_100_01
6	POST	Business Document Upload Service	xcsado_ew_100_01
7	GET	Business Document Download Service	xcsado_ew_100_01
8	GET	Business Document List Service	xcsado_ew_100_01
9	GET	Asset Fetch Service	xcsase_ew_100_02
10	POST	Asset Create Service	xcsase_ew_100_01
11	PUT	Asset Update Service	xcsase_ew_100_01
12	POST	Asset Valuations Create Service	xcsase_ew_100_01
13	PUT	Asset Valuations Update Service	xcsase_ew_100_01
14	GET	Asset Valuations Fetch Service	xcsase_ew_100_01
15	PUT	Asset tracking attribute Update Service	xcsata_ew_100_01
16	POST	Collateral Usage History Create Service	xcsxup_ew_121_01
17	GET	Usage and Rental Service	xcmprc_ew_121_01
18	GET	Invoice Fetch Service	gaiprc_ew_100_01

#	Method	Service Name	Parent Package
19	GET	Bankruptcy Details Service	xcsbkp_ew_100_01
20	PUT	Invoice Detail Update Service	gaiprc_ew_100_01
21	PUT	Invoice Status Update Service	gaiprc_ew_100_01
22	PUT	Bankruptcy Update Service	xcsbkp_ew_100_01
23	POST	Invoice Create service	gaiprc_ew_100_01
24	GET	Remarketing Fetch Service	gaiprc_ew_100_01
25	PUT	Remarketing Update Service	gaiprc_ew_100_01
26	POST	Work Order Create Service	xcsvna_ew_100_01
27	PUT	Work Order Update Service	xcsvna_ew_100_01
28	GET	Work Order Fetch Service	xcsvna_ew_100_01
29	PUT	Bankruptcy Tracking Attribute Update Service	xcsbkt_ew_100_01
30	PUT	Calculate Parameter Update Service	xcscup_ew_100_01
31	POST	Calculator Service	xaecal_ew_100_01
32	POST	Customer Comments Create Service	XCSXCM_EW_100_01
33	POST	Customer Payment Posting Service	xbtpmt_ew_100_01
34	PUT	Customer tracking attribute Update Service	xcscta_ew_100_01
35	GET	Customer Comments Fetch Service	XCSXCM_EW_100_01
36	GET	Customer Credit Limit Fetch Service	xcscrl_ew_100_01
37	POST	Customer Document Upload Service	xcsado_ew_100_01
38	GET	Customer Document Download Service	xcsado_ew_100_01
39	GET	Customer Document List Service	xcsado_ew_100_01
40	POST	Account Onboarding Service (/servicing/account)	acxprc_ew_100_01
41	POST	Account Onboarding Service (/servicing/accountboarding)	acxprc_ew_100_03
42	DELETE	Delete Account Service	xcsdac_ew_100_01
43	POST	Account Comment Create Service	xcsxcm_ew_100_01

#	Method	Service Name	Parent Package
44	GET	Master Account Rolledup Balance Details	xcsacc_ew_100_04
45	PUT	Update account tracking attribute Service	xcsact_ew_100_01
46	GET	Account Monetary Transaction History Fetch Service	xcstxn_ew_100_01
47	GET	Account Detail Service	xcsprc_ew_100_02
48	GET	Account Comment Fetch Service	xcsxcm_ew_100_01
49	POST	Account Document Upload Service	xcsado_ew_100_01
50	GET	Account Document Download Service	xcsado_ew_100_01
51	GET	Account Document List Service	xcsado_ew_100_01
52	GET	Account Tracking Attribute Fetch Service	xcsacc_ew_100_03
53	GET	Account Search Service	xcsacs_ew_100_01
54	POST	Advance Disbursement Create Service	xbtadv_ew_100_01
55	GET	Advance Disbursement Fetch Service	xbtadv_ew_100_01
56	POST	Call Activity Service	xcscac_ew_100_01
57	PUT	Update Account UDF Service	xcsudf_ew_100_01
58	POST	Customer Preference Create Service	xcscpr_ew_100_01
59	PUT	Customer Preference Update Service	xcscpr_ew_100_01
60	GET	Customer Preference Fetch Service	xcscpr_ew_100_01
61	POST	Payment Posting Service	xbtpmt_ew_100_01
62	POST	Generic Post Transaction Service	xcsupd_ew_100_01
63	POST	Application Entry Service	xaeprc_ew_100_02
64	POST	Simple Application Entry	xaeprc_ew_100_03
65	PUT	Application Update service	xaeupd_ew_100_02
66	POST	Application ACH Create Service	xaeaac_ew_100_01
67	PUT	Change Application Status Service	XAEASC_EW_100_01
68	POST	Application Comment Create Service	XAEXCM_EW_100_01
69	POST	Application Contract Service	xaecon_ew_100_01

#	Method	Service Name	Parent Package
70	GET	Application Details Service	xaechk_ew_100_02
71	PUT	Application Decision Update Service	xaeadc_ew_100_01
72	GET	Application Decision Service	xaeadc_ew_100_01
73	GET	Stipulations Fetch Service	XAEARS_EW_100_01
74	GET	Application ACH Fetch Service	xaeaac_ew_100_01
75	GET	Application Check List Service	XAEXCK_EW_100_01
76	GET	Application Comment Fetch Service	XAEXCM_EW_100_01
77	POST	Application Document Upload Service	xaeado_ew_100_01
78	GET	Application Document Download Service	xaeado_ew_100_01
79	GET	Application Document List Service	xaeado_ew_100_01
80	GET	Application Search Service	xaeque_ew_100_01
81	POST	Rental Application Entry Service	xaernt_ew_121_01
82	POST	Scenario Analysis Create Service	xsaprc_ew_100_01
83	PUT	Scenario Analysis Update Service	xsaprc_ew_100_02
84	GET	Scenario Analysis Fetch Service	xsaprc_ew_100_01
85	POST	Producer Service	xprprc_ew_100_02
86	PUT	Producer Update Service	xprprc_ew_100_02
87	POST	Producer Comments Create Service	xprprc_ew_100_02
88	POST	Producer Contacts Create Service	xprprc_ew_100_02
89	GET	Producer Fetch Service	xprprc_ew_100_02
90	GET	Producer Comment Fetch Service	xprprc_ew_100_02
91	GET	Producer Compensation Fetch Service	xprprc_ew_100_02
92	GET	Producer Contacts Fetch Service	xprprc_ew_100_02
93	GET	Producer Holdbacks Fetch Service	xprprc_ew_100_02
94	GET	Producer Statements Fetch Service	xprprc_ew_100_02
95	GET	Subvention Detail Service	xprprc_ew_100_02
96	GET	Products Asset type Fetch Service	xstprc_ew_100_01

#	Method	Service Name	Parent Package
97	GET	Products Asset Subtype Fetch Service	xsbprc_ew_100_01
98	POST	Incoming File Service	xpfipf_ew_100_01
99	GET	Lookups Service	xlkprc_ew_100_01
100	GET	Outgoing File List service	xpfopf_ew_100_01
101	GET	Pricing Service	xcsprp_ew_100_01
102	GET	Outgoing File Download Service	xpfopf_ew_100_01
103	GET	Products Fetch Service	xpdprc_ew_100_01
104	GET	Fetch transaction parameter details	xtpprc_ew_100_01
105	POST	User Create Service	xususr_ew_100_01
106	PUT	User Update Service	xususr_ew_100_01
107	POST	Webhook Create Service	xcswhk_ew_100_02
108	PUT	Webhook Update Service	xcswhk_ew_100_02
109	GET	Webhook Fetch Service	xcswhk_ew_100_02

- You need to configure the following parameters under Setup > user-defined tables > SET_SYP_SYSTEM as follows
 - Mandatory:** <package name>_DEBUG_LEVEL (use LOV as an option and set DEBUG_LEVEL_CD)
 - Optional:** <package name>_DEBUG_METHOD (use LOV as an option and set DEBUG_METHOD_CD)
- Post this, add these parameters under Setup > System Parameters to start logging the respective service issue.
- If you have not configured debug method for a specified package, then system uses the CMN_DEBUG_METHOD parameter value.

Debug Method	CLOB Indicator	
	N	Y
UTL_FILE	DB Server > Home Path	App Server > Home Path
Advanced Queue	<Not supported>	U.I.> Dashboard > Database Server Log

Note the following:

- After making a new configuration, re-login to access the logs from UI.
- If system is not writing the logs for the configured services/packages, check the Expired queues in the AQ\$ table. If it is expired, delete the entries, and re-subscribe the queue so that system will start logging it.

Sample configuration for 'Account boarding service (servicing/account) is as follows

User Defined Table Attributes Return

Attribute	ACXPRC_EW_100_01_DEBUG_METHOD	Operator	LIKE	LOV Validation Ind	▼
Description	ACCOUNT ONBOARDING SERVICE DEBUG METHOD	System Defined Yes/No	<input type="radio"/> Yes <input checked="" type="radio"/> No	Lookup Type	DEBUG_METHOD_CD
Data Type	NUMBER	Enabled	▼	Default Value	2
Length	30	Sub Attribute			
Sort	1	LOV Type	LOOKUP		

User Defined Table Attributes Return

Attribute	ACXPRC_EW_100_01_DEBUG_LEVEL	Operator	LIKE	LOV Validation Ind	▼
Description	ACCOUNT ONBOARDING SERVICE DEBUG LEVEL	System Defined Yes/No	<input type="radio"/> Yes <input checked="" type="radio"/> No	Lookup Type	DEBUG_LEVEL_CD
Data Type	NUMBER	Enabled	▼	Default Value	2
Length	30	Sub Attribute			
Sort	0	LOV Type	LOOKUP		

You can access these logs from UI by navigating to Database Server Log Files > Debug > List Files

System Monitor Close

Batch Jobs | Jobs | Services | **Database Server Log Files** | Parked Transactions | Users | JMS Queues | Events

Database Server Log Files

View 1 Day 1 Week 1 Month By Date Start Dt mm/dd/yyyy End Dt mm/dd/yyyy View Alert Debug Interfaces

View Format Freeze Detach Wrap List Files Download File

File Name	File Type	File Size	File Time
evedeq_ew_100_01.log	file	2202016	06/02/2023 07:37:05 PM
acxprc_ew_100_01.log	file	6080	06/02/2023 07:36:56 PM
ACXPRC_EM_100_01.log	file	20111357	06/02/2023 07:36:58 PM
acraal_en_121_01.log	file	437922	06/02/2023 07:36:58 PM
call_ngn.log	file	92074	06/03/2023 12:04:41 AM

11.4.2 Seed Data

NA

11.5 Configure Date format for Flex Table Attributes

11.5.1 Overview

At present, system limits the date format for Flex Table Attributes as MM/DD/YYYY.

The same is enhanced to support different Fixed Simple date formats, which are dependent on 'Flex Table' attributes like, Tracking Attributes Search Parameters, Selection Parameters, Transaction Parameters, etc.

11.5.2 Description

Created a new Date Format Sub Type FORMAT_SUB_TYPE_CD, which supports only 'MM/DD/YYYY' as follows

Lookup Code	Description	Sub Code	System Defined	Enable
DFDF	System Parameter Date Format	DF	Yes	Yes

- Setup > System Parameter page refers to this above format.
- If system doesn't find any definition, it still renders the page and request the user to input in MM/DD/YYYY format only

At present, system refers to the 'FIXED SIMPLE DATE FORMAT' for all flex table attributes, which is restricted to MM/DD/YYYY. Now, system enables all types of base-supported date formats

Department Definition **Display Formats**

Display Formats + Add ✎ Edit 📄 View ✔ Audit

Important: This is a one-time setup before starting to use the product. These date-format changes will result in data issues, so changing is not recommended.

Format Type	Format Sub Type	Format	Format Mask	Format Filler	Special Data
DATE FORMAT	SYSTEM PARAMETER DATE FORMAT	MM/dd/yyyy			
DATE FORMAT	DATE TIME FORMAT	dd/MM/yyyy hh:mm:ss a			
DATE FORMAT	FIXED SIMPLE DATE FORMAT	dd/MM/yyyy			
DATE FORMAT	SIMPLE DATE FORMAT	dd/MM/yyyy			

Format Type:
 Format Sub Type:
 * Format:
 Special Data:

* Enabled

Added the note on the screen in red stating “Important: This is a one-time setup before starting to use the product. These date-format changes will result in data issues, so changing is not recommended.”

Note: If you change the data format while using the application, then user needs to correct the dates in flex table attributes according to the user's desired format. (For this, no data fix will be provided, and currently, if a user wants to change the format, an application restart may be required)

Changes in Customer Service > Scenario Analysis

When user clicks on 'Post to Account' from Customer Service > Scenario Analysis > Scenario Analysis Parameters > Import > Calculate > Post to Account, system creates the 'Change Payment' transaction with TXN DATE based on the Fixed Simple Date format.

Changes in flex table attributes dependent fields:

Below are the screens which refers to "Fixed Simple Date format" based on the configuration:

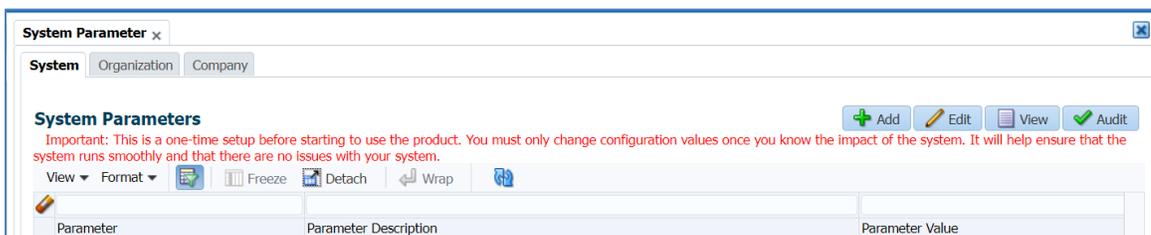
Screen Addressed
Reports\Report Parameters
Account Search
Producers\Tracking Attributes
Application Entry\Applicant\Tracking Attributes
Application Entry\Collateral\Tracking\Tracking Item Details Collateral\Vehicle\Tracking\Tracking Item Details Account Boarding\Collateral (Vehicle)\Tracking\Tracking Item Details Account Boarding\Collateral (Other)\Tracking\Tracking Item Details Account Boarding\Collateral (Home)\Tracking\Tracking Item Details
Application Entry\Collateral(Home)\Vacation Ownership\Tracking Attributes Account Boarding\Collateral (Home)\Vacation Ownership\Tracking Attributes
Application Entry\Tracking\Tracking Attributes
Customer Credit Limit\Business\Tracking Attribute
Customer Credit Limit\Customer\Credit Limit Details\Transactions\Parameters Customer Credit Limit\Business\Credit Limit Details\Transactions\Parameters
Customer Credit Limit\Customer\Tracking Attribute
Application Entry\Collateral\Tracking\Tracking Item Details Customer Service\Collateral\Vehicle\Tracking\Tracking Item Details Customer Service\Collateral\Home\Tracking\Tracking Item Details Customer Service\Collateral\Other\Tracking\Tracking Item Details Collateral Details\Tracking\Tracking Item Details Account Boarding\Collateral (Home)\Tracking\Tracking Item Details Account Boarding\Collateral (Vehicle)\Tracking\Tracking Item Details Account Boarding\Collateral (Other)\Tracking\Tracking Item Details
Application Entry\Collateral(Home)\Vacation Ownership\Tracking Attributes Customer Service\Collateral\Home\Vacation Ownership\Tracking Attributes
Customer Service\Bankruptcy\Tracking
Customer Service\Collateral\Vehicle\Tracking\Tracking Item Details Customer Service\Collateral\Home\Tracking\Tracking Item Details Customer Service\Collateral\Other\Tracking\Tracking Item Details

Screen Addressed
Customer Service\Deficiency\Tracking
Customer Service\Repo\Foreclosure\Foreclosure\Tracking
Customer Service\Account Details\Insurances\Insurance Tracking
Customer Service\Remarketing\Tracking Attributes
Customer Service\Repo\Foreclosure\Repossession\Tracking
Customer Service\Customer Service\Tracking Attributes Account Boarding\Account Details\Tracking Attributes
Customer Service\Customer Details\Customer\Tracking Attributes
Customer Service\Customer Service\Maintenance\Parameters
System Parameter\Company
System Parameter \Organization
System Parameter \System
Lookups\Parameter
Parameters\Credit Bureau Parameter

Pending screens: Application search and Event Parameter screen still works with MM/DD/YYYY

Note: You are expected to configure the system parameter `UIX_DB_SEARCH_ENABLED` value = N to make account search work.

Also, you should not change the system parameters without knowing the impact. Hence added a note to the screen stating “Important: This is a one-time setup before starting to use the product. You must only change configuration values once you know the impact of the System. It will help ensure that the System runs smoothly and that there are no issues with your System.”



For example, if you initially configured rounding method = 'ROUND' over time; if this method changed to 'CUTOFF,' then system will not reset the account values and adjust it from the beginning of the account.

11.5.3 Seed Data

Click [here](#) to view the Seed Data.

11.6 Periodic Fee Maintenance – Support of Multiple Fee Configurations

11.6.1 Overview

- Currently, system supports configuring only one 'Fee Periodic Maintenance' to handle recurring auto-post fee definitions.
- Provided seed data to allow configuration of multiple Periodic Fee, which allows you to define five recurring auto-post fee definitions for Loan/Line/Lease independently (15 counts).

11.6.2 Description

- Introduced new seed data with transaction code 'FPMF1, FPMF2, FPMF3, FPMF4, FPMF5 and corresponding balances.
- Existing batch job handles to process ALL the FPMF% fee types.
- No changes done to existing 'FPMF' transaction or balance.
- You can configure this FPMF transactions from setup > Contract for any selected cycle and through 'Fee Setup' screen (Account billing cycle).
- Following the 'FPMF1' transaction example:

Txn Code	Description	Group	Action	Txn/Bal Type	Batch	Manual	GL	Event	Recalc Master Txns
FPMF1	PERIODIC MAINTENANCE FEE1	FEE	POST	FEE PERIODIC MAINTENANCE	Y	N	Y	N	N

Parameter	Default	Sort	Displayed	Required
TXN DATE		1	Y	Y
AMT		2	Y	Y

Following related transactions seed data has been created (Read the txn Code as FPMF1, FPMF2, FPMF3, FPMF4, FPMF5).

Note: Currently, 'FPMF_BILL' facility is not supported for FPMF and the same would not be supported for the seed data of FPMF1, FPMF2 etc., or any other txn enabled to post Fee Periodic Maintenance recurring fees.

TXN_CODE	DESCRIPTION	GROUP	ACTION	TXN/BAL TYPE	BATCH	MANUAL	GL	TXN_CODE	DESCRIPTION
FPMF	PERIODIC MAINTENANCE FEE	FEE	POST	FEE PERIODIC MAINTENANCE	N	N	Y	FPMF	PERIODIC MAINTENANCE FEE
FPMF_ADJ_MINUS	ADJUSTMENT TO PMF-SUBTRACT	FEE	ADJUST MINUS	FEE PERIODIC MAINTENANCE	N	Y	Y	FPMF_ADJ_MINUS	ADJUSTMENT TO PMF-SUBTRACT
FPMF_ADJ_MINUS_REV	REVERSE ADJUSTMENT TO PMF-SUBTRACT	FEE	REVERSE	FEE PERIODIC MAINTENANCE	N	Y	Y	FPMF_ADJ_MINUS_REV	REVERSE ADJUSTMENT TO PMF-SUBTRACT
FPMF_ADJ_PLUS	ADJUSTMENT TO PMF-ADD	FEE	ADJUST PLUS	FEE PERIODIC MAINTENANCE	N	Y	Y	FPMF_ADJ_PLUS	ADJUSTMENT TO PMF-ADD
FPMF_ADJ_PLUS_REV	REVERSE ADJUSTMENT TO PMF-ADD	FEE	REVERSE	FEE PERIODIC MAINTENANCE	N	Y	Y	FPMF_ADJ_PLUS_REV	REVERSE ADJUSTMENT TO PMF-ADD
FPMF_BILL	FEE PMF BILLED	FEE	BILL	FEE PERIODIC MAINTENANCE	N	N	N	FPMF_BILL	FEE PMF BILLED
FPMF_BILL_REV	REVERSE PMF BILLED	FEE	REVERSE	FEE PERIODIC MAINTENANCE	N	N	N	FPMF_BILL_REV	REVERSE PMF BILLED
FPMF_CHG_OFF	CHGOFF PMF	FEE	CHARGE OFF /WRITE OFF	FEE PERIODIC MAINTENANCE	N	N	Y	FPMF_CHG_OFF	CHGOFF PMF

TXN_CODE	DESCRIPTION	GROUP	ACTION	TXN/BAL TYPE	BATCH	MANUAL	GL	TXN_CODE	DESCRIPTION
FPMF_CHG_OFF_REV	REVERSE CHGOFF PMF	FEE	REVERSE	FEE PERIODIC MAINTENANCE	N	N	Y	FPMF_CHG_OFF_REV	REVERSE CHGOFF PMF
FPMF_CLOSE	CLOSE PERIODIC MAINTENANCE FEE	TERMINATION	TERMINATE	FEE PERIODIC MAINTENANCE	N	N	Y	FPMF_CLOSE	CLOSE PERIODIC MAINTENANCE FEE
FPMF_CLOSE_REV	REVERSE CLOSE PERIODIC MAINTENANCE FEE	TERMINATION	REVERSE	FEE PERIODIC MAINTENANCE	N	N	Y	FPMF_CLOSE_REV	REVERSE CLOSE PERIODIC MAINTENANCE FEE
FPMF_CPT	CAPITALIZED TO PERIODIC MAINTENANCE FEE - SUBTRACT	CAPITALIZATION	POST	FEE PERIODIC MAINTENANCE	Y	N	Y	FPMF_CPT	CAPITALIZED TO PERIODIC MAINTENANCE FEE - SUBTRACT
FPMF_CPT_REV	REVERSE CAPITALIZED TO PMF - SUBTRACT	CAPITALIZATION	REVERSE	FEE PERIODIC MAINTENANCE	Y	N	Y	FPMF_CPT_REV	REVERSE CAPITALIZED TO PMF - SUBTRACT
FPMF_REV	REVERSE PMF	FEE	REVERSE	FEE PERIODIC MAINTENANCE	N	N	Y	FPMF_REV	REVERSE PMF
FPMF_WAIVE	WAIVE PMF	FEE	WAIVE	FEE PERIODIC MAINTENANCE	N	Y	Y	FPMF_WAIVE	WAIVE PMF

TXN_CODE	DESCRIPTION	GROUP	ACTION	TXN/BAL TYPE	BATCH	MANUAL	GL	TXN_CODE	DESCRIPTION
FPMF_WAIVE_REV	REVERSE WAIVE PMF	FEE	REVERSE	FEE PERIODIC MAINTENANCE	N	Y	Y	FPMF_WAIVE_REV	REVERSE WAIVE PMF
FPMF_TRM	TERMINATE FEE PERIODIC MAINTENANCE	TERMINATION	TERMINATE	FEE PERIODIC MAINTENANCE	N	Y	Y	FPMF_TRM	TERMINATE FEE PERIODIC MAINTENANCE
TXN_CODE	DESCRIPTION	GROUP	ACTION	TXN/BAL TYPE	BATCH	MANUAL	GL	TXN_CODE	DESCRIPTION
FPMF	PERIODIC MAINTENANCE FEE	FEE	POST	FEE PERIODIC MAINTENANCE	N	N	Y	FPMF	PERIODIC MAINTENANCE FEE

11.6.3 Seed Data

Click [here](#) to view the Seed Data.

11.7 Master Excess Allocation - New Credit Balance field in UI & Webservice

11.7.1 Overview

- As part of the implementation of the functionality of Master Excess Allocation, a new field is introduced which holds any credit balance / excess amount coming out of the master excess allocation process. The field has been provisioned in the database side as ACC_NET_EXCESS_AMT in the Accounts table.
- These fields are now displayed in the UI and made it available as part of a web-service response (GET Account Details)

11.7.2 Description

- Created new UI field Net Excess Amt (MEA) on the Customer Service page > Summary tab > Account Details section; which is mapped to reflect the value from the database field ACC_NET_EXCESS_AMT from the account's table. The new field displays the existing Credit Balance.
- Created a new WS field / tag <NetExcessAmtMEA></NetExcessAmtMEA> as part of the GET - getAccountDetail web-service response in the <AccountDetailSummary> section below the existing tag <OutstandingTotalAmount>.

11.7.3 Seed Data

NA

11.8 Calculate Action Code in AOB

11.8.1 Overview

- Currently, Account OnBoarding service considers Term, Amount, Interest Rate as input and it doesn't validate the values and create account based on user input.
- Provided a new element Calculate 'Action Code' in both AOBs (/servicing/accountboarding & /servicing/account)
 - This helps to call calculator service and fetch the right numbers for account creation.

11.8.2 Description

Applicability: Loan, & Lease

Introduced new element under 'Contract' as follows

```
"ApplicationContractDetails": {
  "ContractRecord": {
    "ContractDate": "2017-12-18T00:00:00",
    :
    :
    "AccrualStartDays": 1,
    "AgreementNumber": "92339393",
    "YieldRate": 4.5,
    "AppMaturityDtBasisCd": "Y",
    "CalcActionCode": "CALCULATE_PMT" // New element - which is non-
    mandatory.
```

This refers to the new lookup code: CALC_ACTION_CD > CALCULATOR ACTION CODES (**Values:** CALCULATE_PMT, CALCULATE_RATE) to call the calculator service internally.

Introduced new Lookup code as follows:

Lookup Type	CALC_ACTION_CD > CALCULATOR ACTION CODES (Values: CALCULATE_PMT, CALCULATE_RATE)	
Description	CALCULATOR ACTION CODE (WORKS FOR AOB IF ITS ENABLE)	
System Defined	Yes	
Enabled	No	
Business Process	If this is disabled, system works as existing If its enabled, system processes with new flow	
	Use case - if lookup Type is enabled	Behaviour / Error message
	User did not send this element and Found one 'DEFAULT' option in the lookup and enabled.	System should calculate the desired value and then populate / override

	<p>If more than one lookup codes are found with sub code as DEFAULT and both lookups are enabled and User did not send this element</p>	<p>Then given an error saying, 'more than one default Calculate Action code found'.</p>
	<p>User did not send this element and If Lookup Type is enabled, and User not maintained default option and Also not passed in the request</p>	<p>Action code can't be NULL or Maintain Default option</p>
	<p>User sends this with invalid lookup code and "LookupValue" = 'Y'</p>	<p>Send an error "Invalid Value: Calculator Action Code" << Existing Process>></p>
	<p>User sends valid element and "LookupValue" = 'Y' or 'N'</p>	<p>Validate if product = LINE → Send an error, not applicable for 'Open Ended product' If product = Loan/Lease - System should calculate the desired value and then populate / override the value</p>
	<p>User sends this with invalid lookup code and "LookupValue" = 'N'</p>	<p>Ignore the action, and it should process as existing. I.e., no calculation required.</p>
	<p>Example: If user provide CALCULATE_PMT as an option, and provides the Rate and term in the AOB request, then system should calculate the PMT and then populate it. Here, even if user provide the Payment Amount, system should override it.</p>	

To handle the functionality, created the following lookup codes:

Lookup Code	Description	Sort	Sub Code	System Defined	Enabled	Comment
CALCULATE_PMT	Calculate Loan/Lease Payment	0	DEFAULT	Y	Y	Refer /origination/calculator WS
CALCULATE_RATE	Calculate Loan / Lease Rate	1		Y	Y	Refer /origination/calculator WS

CALCULATE_AMT	Calculate Loan / Lease Amount	2		Y	Y	Based on the Product Type, use CALCULATE_CAP_COST_GRO for Lease RF CALCULATE_ADV - for Loan and Lease INT & AMZ
CALCULATE_TERM	Calculate Loan/Lease Term	3		Y	Y	Refer /origination/calculator WS

11.8.3 Seed Data

Click [here](#) to view the Seed Data.

11.9 BUSINESS ONLY Application Support

11.9.1 Overview

- Currently system enforces to add Primary Applicant along with the Business/SME also triggers Edits in origination compelling to input primary Applicant Address, Employment details etc., which are not applicable for business only applications.
- Basic changes are taken up to handle Business Only applications with some known limitations like impact on ratios, letters and correspondence and information capture related to business preferences like Opt-in/out etc.

11.9.2 Description

Scope is to handle the support of 'Business Only' through 'Application' POST service and following impact areas are handled:

- Application Entry Webservice - 'Applicant' block is made non-mandatory (**Justification:** Existing contract EDIT > CHD: ATLEAST ONE APPLICANT REQUIRED takes care of mandatory information, while passing the service).
- Origination contract EDIT > CHD: ATLEAST ONE APPLICANT REQUIRED > this EDIT is handled not to trigger, if the Application Class Type = 'Business Only'.
- During funding, currently system is stamping the 'ACC_TITLE' field in account table w.r.t applicant information. Changes taken in the funding stage to take reference from 'Business Tab', if the Application Class = ' Business Only'.

Note: The missing information of 'Business' info is expected to be captured in the servicing stage operationally.

11.9.3 Seed Data

NA

11.10 New Web Services

Following list of new web services are introduced:

New Service name	Action	Purpose	Description
/origination/application/contract	PUT	Application Contract Update Service	This service is used to modify the application contract details.
/servicing/account/creditbureau	GET	Credit Bureau Fetch Service	This service is used to Fetch the Report from credit bureau to OFSLL servicing system.

11.10.1 Changes to Existing Web Services

Service name	Change
getAccountDetail	<p>Created a new WS field / tag <NetExcessAmtMEA></NetExcessAmtMEA> as part of the GET - getAccountDetail web-service response in the <AccountDetailSummary> section below the existing tag <OutstandingTotalAmount>.</p> <p>Refer more details in the enhancement section: Master Excess Allocation - New Credit Balance field in UI & web-service.</p>
Account Onboarding Service	<p>Provided a new element Calculate 'Action Code' in both AOBs (/servicing/accountboarding & /servicing/account)</p> <p>This will help the user to call calculator service and fetch the right numbers for account creation.</p> <p>Refer more details in the enhancement section: Calculate Action Code in AOB.</p>
/origination/scenarioanalysis	<p>Added following elements to service.</p> <ul style="list-style-type: none"> "MaturityDateBasis": "P" (Default Value 'P') "ProrateStubPmt": "Y" (Default Value 'Y'). <p>Refer more details in the enhancement section.</p>

11.10.2 Seed Data

NA

11.11 Seed Data changes for Impacted Bugs

Click [here](#) to view the Seed Data.

11.12 Patches and Bugs

Bug Id	Bug Description	Fix Description
34936394	<p>SR: 3-31673979551</p> <p>For fiscal period case, the evergreen payment amount is same as the last period bill amount as per the configuration in evergreen. The amount is repeated for rest of the evergreen due amount.</p> <p>But ideally it is expected to be the standard payment billing cycle amount and not the last billing amount.</p>	<p>Fix has been provided by introducing a new evergreen payment method cd '% ON STANDARD PAYMENT AMOUNT' to address the issue.</p> <p>In addition, fix has been done to handle stub billing in evergreen period and to resolve the issue on incorrect repayment dates populated in the repayment details for advance lease account when evergreen extension is posted.</p>
34962882	<p>SR: 3-31798943591</p> <p>While processing a prepayment transaction, on posting change payment using scenario analysis, system displays an error stating Txn date greater than process date which is incorrect.</p>	<p>Fix has been provided by correcting the date format as DD/MM/YYYY in the organization setup level to resolve the issue.</p>
34955220	<p>SR: 3-31766380701</p> <p>Date format is not uniform in UI screens and in DB since in VN date format is DD/MM/YYYY but in OFSLL DB level system stores date in MM/DD/YYYY.</p>	<p>Fix has been provided to have a uniform date format shown in UI and stored in DB.</p>
35200657	<p>SR: 3-32470989781</p> <p>Business Only > Application entry > Applicant info</p> <p>For Lease application, system displays error while handling the EDIT's saying the applicant details are required for business type applications which ideally should not occur.</p>	<p>Fix has been provided with following updates:</p> <ol style="list-style-type: none"> 1. Application Entry Webservice - 'Applicant' block has been made mandatory. 2. Origination contract EDIT > CHD: ATLEAST ONE APPLICANT REQUIRED - this EDIT is not triggered, if the Application Class Type = 'Business Only'. 3. During funding, currently system is stamping the 'ACC_TITLE' field in account table w.r.t applicant information. Change in the funding stage has to be taken to take reference from 'Business Tab', if the Application Class = 'Business Only'.
34913951 Re-released	<p>SR: 3-31127607091</p> <p>Producer Update Service is resetting the existing values from the system if values are not provided in the input request xml/json.</p>	<p>Fix has been provided such that the system take the existing values from the table and verifies if it is NULL. If Yes, system change the value to Default.</p>

Bug Id	Bug Description	Fix Description
35098714 Re-released	SR: 3-32197047381 After the equifax (EFX) Credit Bureau was invoked and Bureau request was completed successfully, system did not parse Credit score correctly from the report.	Fix has been provided for the respective Report by updating MYCTX->EFX_IS24M to TRUE instead of FALSE to parse payment history data. Included package xprprc_em_100_02.pkb 85608 which was missed in PS6.
35119114 Re-released	SR: 3-32258769161 When SET-TPE batch is enabled system displays an error message 'Sequence for UUT_JOB_EVW should be unique for the job Set SET-TPE'.	Fix has been provided to modify the sequence number for TXNSTM_BJ_100_02 in UI. The TXNSTM_BJ_100_01 job set was decommissioned in previous release and changes are made available in upgrade_seed_data_combination_14_12_0_0_9.sql
35119633	SR: 3-32214725921 Income projection report is ending with non-zero balance. It should not show up any balances.	Fix has been provided with package level changes so that remaining balance (few cents) is adjusted at the last month income portion.
35122748 Re-released	SR: 3-32239586381 The lease calculator is calculating last stub days with one day extra.	Fix has been provided with package level changes in txnprc_el_100_02.pkb so that System calculates stub days correctly during the last billing. For more details, refer to enhancement section. Additional fix is provide for issue on calendars days not matching with the first stub days.
35122751 Re-released	SR: 3-32262368939 The required seed data for User Defined Parameters is missing in Action tab.	Documentation has been revised to provide the appropriate seed data for the missing parameters in User Defined Parameters table. Additionally fix provided with delete statement to remove the below deprecated seed data: EVE_ACC_UPDATE_ACTION_PARAM EVE_ACC_CREATE_ACTION_PARAM
35322253	There is no provision to manually change translation for static LOV values and panel header labels.	Fix has been provided such that provision has been given to manually change translation for static LOV values and panel header labels.
35323167	SR: 3-32780044351 System updates the currency in other income tabs for employment as USD which is not expected behaviour.	Fix has been provided with code changes to insert the proper currency code which they are sending it from the employment root.

Bug Id	Bug Description	Fix Description
35358773	SR: 3-33086544081 In Customer Service > Letters tab, the query that fetches the data is not filtering according to product type (loan secured, loan home etc).	Fix has been provided with code changes to handle the query such that letters are available according to the product.
35372188	SR: 3-32866265321 Bulk upload of payment transactions takes default spread from spread matrix instead of specified spread.	Fix has been provided with changes to allow transaction through bulk upload using specific spread.
35377277	SR: 3-33018353072 System is not able to reverse all the batches of payment with suspense payments.	Fix has been provided with code changes to reverse all the payments from the batch including any suspense payment.
35377866	SR: 3-32969286681 During lease conversion, Repayment Details and Revenue Schedule are not populating when APP_NEW_IND=N.	For amortized leases, detailed repayment schedule and Income schedule is required. Conversion facility in OFSLL expects user to input these values to onboard the lease accounts. Fix is done only for lease amortized accounts. Provision is given to load Repayment Details and Revenue Schedule manually using .dat files. Customer is expected to load this information in conversion files to view in OFSLL. 1. api_ard_121.dat (Repayment Details) 2. api_aru_121.dat (Revenue Schedule) Note: During Conversion, user has to provide Run Date Next for billing guidance. Click here to view the seed data.
35405622	SR: 3-33102365721 For every active Line account in production, ACC_RAT_RUN_DT_NEXT is getting updated when "INDEX / MARGIN RATE CHANGE" transaction is posted.	Fix has been provided such that the data correction script is updated in all active line accounts so that system doesn't update the ACC_RAT_RUN_DT_NEXT when user posts the Index/Margin Rate Change transaction.
35413901	SR: 3-33121601311 The METRO-II batch job CBUUTL_BJ_100_02 that generates the METRO II Data is consistently failing.	Fix has been provided with code changes such that system will does not increase error count if the account has STOPCB condition. So, system completes the batch job successfully.

Bug Id	Bug Description	Fix Description
35107125	SR: 3-32217370641 For many of the accounts it is observed that Income values are not matching and YIELD Rate is showing as 0 hence income schedule is not coming.	Since acc_flexible_repayment_ind indicator in the UI is always going as 'N', the same has been updated as 'Y' when acc_Repayment_Type_cd is 'USER_DEFINED' to resolve the issue.
35201085	SR: 3-32494865601 In the Lease Quarterly step payments it is found that the Income Projection Report's End Net book Value is not ending with the Residual of the Lease even when it has residual balance. However, the Lease with same data in Annual cycle is correct.	Since acc_flexible_repayment_ind indicator in the UI is always going as 'N', the same has been updated as 'Y' when acc_Repayment_Type_cd is 'USER_DEFINED' to resolve the issue.
35361601	SR: 3-32964262941 Refunded Payments are showing as POSTED when posting another payment on same account.	Fix has been provided as such that upon posting another payment / payment refund on the same account, system does not change the refunded payment record status to POSTED.
34796686	SR: 3-31207533571 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.
34880952	SR: 3-31496656431 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.
34745245	SR: 3-31070298731 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.
34716105	SR: 3-30930878471 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.
34535626	SR: 3-30474785311 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.

Bug Id	Bug Description	Fix Description
34868495	SR: 3-31425896281 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.
35041506	SR: 3-32041851691 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.
34979585	SR: 3-31845378591 While posting Customer Payment web service, the response that they get is 'No Account Found for given Payment Hierarchy'. Ideally, the payment batch should be marked as ERROR so that it is 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.
35188965	SR: 3-32431591701 The batch job set SET-TPE has failed during processing 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 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.
35142496	SR: 3-32322942401 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.
34954285	SR: 3-31731002297 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.

Bug Id	Bug Description	Fix Description
35022246	<p>SR: 3-31950181541</p> <p>In production environment, it has been noticed that approximately 99 loan account balances are out of sync.</p>	<p>Fix has been provided with following:</p> <ol style="list-style-type: none"> 1. If payment refund transaction is posted via customer maintenance screen, system updates the payment record status to REFUNDED in Payment Maintenance screen. 2. System disables the below buttons on payment maintenance screen if the status on payment record is "REFUNDED" <ol style="list-style-type: none"> a. Modify Payment b. NSF c. Reverse d. Refund 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	<p>SR: 3-32186742731</p> <p>In production environment, the sum of remaining due in DUE DATE HISTORY does not match with summary screen dues.</p>	<p>Fix has been provided with data fix script to reverse and re-post the transactions on LINE accounts that would correct the balances.</p> <p>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.</p>

Bug Id	Bug Description	Fix Description
34909295	<p>SR 3-31576001951</p> <p>There is a mismatch in data between outstanding amounts and open balances.</p> <p>Also the following discrepancies were noted:</p> <ol style="list-style-type: none"> 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. 2. Account balance due buckets were not in sync with the account's due bucket. 3. Payoff transaction on Master account did not include the net excess in the payoff amount. 	<p>Code fix has been done to correct the following:</p> <ol style="list-style-type: none"> 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. 2. Account balance due buckets are in sync with the account's due bucket. 3. Payoff transaction on Master account includes the net excess in the payoff amount. 4. Also, during payment modifications if net excess amount is greater than 0, then MEA run date next is set as GL date.
35300182	<p>SR: 3-32780424311</p> <p>The production jobs TXNLTC (SET-TPE) are running longer time than usual, hence batches are getting delayed creating performance issues.</p>	<p>Fix has been provided by reverting back the LTC run date from the back up tables.</p> <p>On execution of data fix, ACC_LTC_RUN_DT_NEXT will be updated from TMP_EXCL_BACKUP table for the affected 30 accounts.</p>
34505082	<p>SR: 3-30396842371</p> <p>Post upgrade to 19c, the Payment posting is taking approximately 10 to 15 seconds extra creating delay.</p>	<p>Fix has been provided by adding Index to improve the performance.</p>
34763320	<p>SR: 3-31098847751</p> <p>Vendor assignment allocation setup does not allow for ALL Repo storage state in the LOV.</p>	<p>Since no value was getting passed to the Repo Storage State LOV query and the default value was SETME due to which ALL value wasn't getting displayed in Repo Storage State dropdown. Hence, fix has been provided with code changes to pass ALL to Repo Storage State LOV query.</p>
35189457	<p>SR: 3-32437694211</p> <p>The lease application is not allowing to post Due Date Change on delinquent accounts. It shows an error that 'Account is not current, Due Dt Change not allowed'.</p>	<p>Fix has been provided with code changes such that Due Date Change allowed on current as well as delinquent Lease accounts.</p>
35266371	<p>SR: 3-32685493281</p> <p>Call Activity API is failing with the following message "Promise date Mandatory for PTP" even when promise date value is passed.</p>	<p>Fix has been provided by adding set user details (set_usr_details) to get the proper date format.</p>

Bug Id	Bug Description	Fix Description
35150806	SR:3-31913151671 In production environment, system displays an error indicating "Production_Error_Exceed the maximum iteration limit" while application getting funded in the funding screen and/or on changing the status to FUNDED.	Fix has been provided by introducing a system parameter CMN_CALCULATOR_ROUND_FACTOR" to control the iterations of the calculator.
34326313	SR: 3-29556790868 Data fix being needed for the below bug 32921585 - DOFD INCORRECT - DLQ ACCT BECOMES CREDIT REPORTING DELINQUENT.	Fix has been provided such that, the system is updating correct value for ACC_CRB_FIRST_DLQ_DT field after running the upgrade script.

12. Patch Release 14.12.0.0.10

12.1 Enhancements

Ref No.	Enhancement	Description
NA	Configure Number Generation	Provided an option to configure input Application Xref from User Interface
NA	Webservice alert logging	Now users can configure and enable the logs for web services, and then System generates the logs that can be downloaded from U.I.> Dashboard > D.B. server logs.
NA	Configurable date format	The System can now configure multiple date formats for the Application Search screen.
NA	Send account data to any external systems	OFSLL is enhanced to generate an Account details data dump outbound file with required data for external systems.

12.2 Configuration of Number Generation (ADF)

12.2.1 Overview

OFSLL when deployed in cloud instances, does not have option to customize if there is a need to customize some of the systems generated numbers

With the current change, there is option to configure the Number Generation Logic for the below entities

- Account Number
- Application Number

Currently, for accounts created from User interface and Web Services, if you want to create account number using 'X-Ref,' then you need to create two definitions.

After this change, you can maintain only one definition for both User interface and Web Services while using 'X-Ref' only.

12.2.2 Description

Following changes are applicable for Loan, Line, and Lease

A new field is introduced with below options:

- In Origination > Application Entry, enabled an existing column (APP_ORIG_SYS_XREF) for the user to modify.
- It is a mandatory field, hence while adding a record, it defaults to 'UNDEFINED.'
- This column does not have any validation, i.e., duplicates are allowed.

- While saving the record, if the hits filed value = UNDEFINED, the system will replace it with the 'Application Number' generated by the system.
- The same functionality is applicable for 'Copy Application' option also.

Screen Changes

12.2.3 Seed Data

NA

12.3 Webservice Alert Logging

12.3.1 Overview

In OFSLL if there are any reported issues while working with web services, system does not log details in to the alert log even if the CLOB parameter is enabled i.e. CLOB = 'Y'. Also, the web service admin logs are not accessible from User Interface since the access is restricted to Database administrators.

With the current change, you can configure and enable the logs for the respective web services, generate the logs, and download them from U.I.> Dashboard > D.B. server logs screen.

12.3.2 Description

Following changes are introduced:

- To use this feature, you need to configure the system parameter with the help of root package of the required web service.
- The below table provides the parent package for each service.
- After this patch, all existing web services are enabled for logging and any new web service developed will have the logging enabled by default.

#	Method	Service Name	Parent Package
1	POST	Dialer Integration Service	XCSADI_EW_100_01
2	POST	Create Securitization Service	XCSSEC_EW_100_01

3	GET	Fss Resource Title	not applicable
4	PUT	Scheduler Force Re-Submit service	XAEJBS_EW_100_02
5	POST	Scheduler Service	XAEJBS_EW_100_01
6	POST	Vendor Create Service	XCSVEN_EW_100_01
7	PUT	Vendor Update Service	XCSVEN_EW_100_01
8	POST	Vendor Comments Create Service	XCSVEN_EW_100_01
9	GET	Vendor Details Fetch Service	XCSVEN_EW_100_01
10	GET	Vendor Comment Fetch Service	XCSVEN_EW_100_01
11	POST	Credit Bureau Update Service	not applicable
12	PUT	Credit Bureau Update Service	XAECRB_EW_100_03
13	GET	Credit Bureau Fetch Service	XAECRB_EW_100_03

- Users need to configure the following parameters under Setup > user-defined tables > SET_SYP_SYSTEM as follows
 - **Mandatory:** <package name>_DEBUG_LEVEL (use LOV as an option and set DEBUG_LEVEL_CD)
 - **Optional:** <package name>_DEBUG_METHOD (use LOV as an option and set DEBUG_METHOD_CD)
- Post this, add these parameters under Setup> system parameters to start logging the respective service issue.
- If the user has not configured the debug method for a specified package, System will use the CMN_DEBUG_METHOD parameter value.

Debug Method	CLOB Indicator	
	N	Y
UTL_FILE	DB Server > Home Path	App Server > Home Path
Advanced Queue	<Not supported>	U.I.> Dashboard > Database Server Log

Note the following:

- After making a new configuration, re-login to access the logs from U.I.
- If the System is not writing the logs for the configured services/packages, check the Expired queues in the AQ\$ table. If it is expired, delete the entries, and re-subscribe the queue so that System will start logging it.

Sample configuration for 'Account boarding service (servicing/account) is as follows.

User Defined Table Attributes Return

Attribute	ACXPRC_EW_100_01_DEBUG_METHOD	Operator	LIKE	LOV Validation Ind	▼
Description	ACCOUNT ONBOARDING SERVICE DEBUG METHOD	System Defined Yes/No	<input type="radio"/> Yes <input checked="" type="radio"/> No	Lookup Type	DEBUG_METHOD_CD
Data Type	NUMBER	Enabled	▼	Default Value	2
Length	30	Sub Attribute			
Sort	1	LOV Type	LOOKUP		

User Defined Table Attributes Return

Attribute	ACXPRC_EW_100_01_DEBUG_LEVEL	Operator	LIKE	LOV Validation Ind	▼
Description	ACCOUNT ONBOARDING SERVICE DEBUG LEVEL	System Defined Yes/No	<input type="radio"/> Yes <input checked="" type="radio"/> No	Lookup Type	DEBUG_LEVEL_CD
Data Type	NUMBER	Enabled	▼	Default Value	2
Length	30	Sub Attribute			
Sort	0	LOV Type	LOOKUP		

Access the logs from the U.I. by navigating to D.B. server Logs > Debug > List Files

System Monitor Close

Batch Jobs | Jobs | Services | **Database Server Log Files** | Parked Transactions | Users | JMS Queues | Events

Database Server Log Files

View 1 Day 1 Week 1 Month By Date Start Dt mm/dd/yyyy End Dt mm/dd/yyyy View Alert Debug Interfaces

View Format Freeze Detach Wrap List Files Download File

File Name	File Type	File Size	File Time
evedeq_ew_100_01.log	file	2202016	06/02/2023 07:37:05 PM
acxprc_ew_100_01.log	file	6080	06/02/2023 07:36:56 PM
ACXPRC_EM_100_01.log	file	20111357	06/02/2023 07:36:58 PM
acraai_en_121_01.log	file	437922	06/02/2023 07:36:58 PM
call_nrgn.log	file	92074	06/03/2023 12:04:41 AM

12.3.3 Seed Data

NA

12.4 Configure Date format for Flex Table Attributes

12.4.1 Overview

System limits the date format for Flex Table Attributes as MM/DD/YYYY.

With this change, system supports different Fixed Simple date formats, which depend on 'Flex Table' attributes like application search.

12.4.2 Description

Following changes are done in flex table attributes dependent fields:

- As part of this patch, Application search now works with any date formats.
- Pending** Event Parameter screen will still work with MM/DD/YYYY, i.e., the INTERNAL user's division should have been mapped to MM/DD/YYYY.

Note the following:

- If the user created multiple divisions, all four date formats should be present for all divisions without exception.
- To make the account search work, the user must configure the system parameter `UIX_DB_SEARCH_ENABLED` value = N.

- Also, ensure 'Division' is selected for the 'INTERNAL' user to make it work for dependent functionalities.

12.4.3 Seed Data

NA

12.5 Account Details Data Dump for External Systems

12.5.1 Overview

It is expected that OFSLL needs to send account data to any external system which customers will use for their processing. OFSLL is enhanced to generate an Account details data dump outbound file which will have the data required for these external systems.

12.5.2 Description

- Two new batch jobs “oacprc_bj_100_01 - ACCOUNT DATA EXTRACTION FILE GENERATION” and “oacprc_bj_100_02 - PREPARE BATCH DATA FOR ACCOUNT DATA EXTRACTION FILE GENERATION” are added under SET-ODD2 to generate Account data extract file.
 - The batch job oacprc_bj_100_02 is provided to prepare batch data for account details data dump that are needed to be sent in the output data dump file based on the account status and account condition is configured in the new lookups.
 - The batch job oacprc_bj_100_01 does the actual output file generation for account details data dump.

The screenshot displays the Oracle System Monitor interface with the following sections:

- Batch Job Sets:** A table showing job set details for SET-ODD2.

Company	Set Code	Job Set Description	Status	Frequency	Frequency Value	Start Time	Enabled	Critical	Last Run Dt	Next Run Dt	Parent	Dependency
ALL	SET-ODD2	OUTPUT DATA DU	RUNNING	DAILY	DAILY	20:38 PM	Y	Y	06/12/2023	05/29/2023 08:38	SET-GL1	EXECUTE ALWAYS
- Batch Jobs:** A table showing job execution details for OACPRC%%.

Seq Job Type	Job Code	Status	Job Description	Threa	Committ Count	Errors Allowed	Weekend	Holiday	Enabled	Parent	Dependency	Commant
32 PROCEDURE	OACPRC_BJ_100_02	COMPLETED	PREPARE BATCH DATA FOR ACC	1	100	50	Y	Y	Y	ROOT	EXECUTE ALWAYS	OACPRC
33 PROCEDURE	OACPRC_BJ_100_01	COMPLETED	ACCOUNT DATA EXTRACTION...	1	100	50	Y	Y	Y	OACPRC_BJ_100_02	EXECUTE ONLY O...	OACPRC
- Batch Job Threads:** A table showing thread status.

Thread Status	Errors	Records	Trace Level	Enabled
1 IDLE	0	0	0	Y
- Request Details:** A table showing request execution details.

Request Type	Status	Start Dt	End Dt	Run Start Dt	Run End Dt	Process Dt	Description
No data to display.							

- Added following two new looks to maintain the criteria, which decides which accounts to be selected by the batch to create the Account details data dump.
 - OAC_ACC_STATUS_CD - ACCOUNT STATUS FOR ACCOUNT DETAILS FILE GENERATION.
 - OAC_ACC_CONDITION_CD - ACCOUNT CONDITION FOR ACCOUNT DETAILS FILE GENERATION.
- The batch job selects the accounts with the specified status and condition, which are enabled in the lookup types OAC_ACC_STATUS_CD and OAC_ACC_CONDITION_CD, respectively.

12.5.3 Seed Data

Click [here](#) to view the Seed Data.

12.6 Seed Data changes for Impacted Bugs

Click [here](#) to view the Seed Data changes for Impacted Bugs.

12.7 Patches and Bugs

Bug Id	Bug Description	Fix Description
35507149	SR: 3-33385001661 Transaction posting through Generic Post web service is getting failed with error stating 'Required parameter not entered:TXN_DT' and the date parameter is taking as null.	Fix has been provided with package level changes in xcsupd_en_100_01.pkb to set DT_FORMAT_FIXED after setting user details. So based on the user's company & branch combination Date Format is set.
35490622	SR: 3-33335738651 Although system allows to load an application for BUSINESS type without providing the applicant information, the 'Business Only' Tab is missing in the User Interface and does not facilitate to view the business information.	Fix has been provided adding a condition to enable Business tab and disable Applicant tab for Class: "BUSINESS ONLY". Business tab is available in the application.
35484492	SR: 3-33343025191 On creating a lease application using BUSINESS only option and trying to link to a master account using the tag MasterAccountNumber, system displays an error and does not create the lease application.	Fix has been provided by mapping the bsd_aad_id with app_aad_id in validation for Business application. However, note that Link to Existing Master Account only works if there is already an existingMaster Account defined for the customer/business.
35473297	SR: 3-33307142121 During Lease termination, the payoff quote value is not correct and system is considering the Billed interest under unbilled interest.	Fix has been provided with code changes to correct Unbilled Interest so that it is calculated correctly by considering future bills.
35415817	SR: 3-33132713321 There is an issue in Data Masking functionality and is not working as expected for CUS_BIRTH_DT value since in the UI, it is not masked as per setup.	Fix has been provided with package level changes such that, after executing the generated file CUS_BIRTH_DT, date in Customer details screen will be shown as DT_MAX i.e., 12/31/4000.
35406470	SR: 3-33100773561 The issue is related to Interest accrual for annual loans after the maturity. System is incorrectly calculating the Interest adjustment and as a result, the Payoff amount is not updated properly for amortized loans.	Fix has been provided with package level changes in txnprof_en_111_01.pkb to reflect total due including current due amount correctly post the date changes to the next calendar date.
35383018	SR: 3-33034007921 In the Asynchronous account boarding process, after the request gets accepted, next step is to run ACXVAL_BJ_100_01 batch job which is part of SET-API2. But this batch job is not picking up accounts which are accepted, because app_source_cd is hardcoded as WEB in the cursor.	Fix has been provided such that the Hard coded app_source_cd = 'WEB' is removed and app_conversion_dt is null condition is added in the ACXVAL_BJ_100_01 package. Now, system processes all the account with any source code except conversion account.

Bug Id	Bug Description	Fix Description
35301468	SR: 3-32757443241 Business tab is not displayed in the UI screen for a converted account.	Fix has been provided such that ACC_CLASS_TYPE_CD field has been added in ACCOUNTS table insert script so that all data is loaded for Business in the UI.
35201085	SR: 3-32494865601 The Income Projection Report's End Net book Value is not ending with the Residual value when the lease is defined as quarterly step payments. However, this works fine with Annual cycle.	Fix has been provided such that, residual value of the account in Account details is equal to Base Principal value in the Repayment Schedule of the account in Transactions history. Also verified that in "GL Transactions > Account screen" last entry in End book net value column under Income schedule is equal to the Residual value.
35455168	SR: 3-33236549541 Payment posting is failing for converted lease account specifically for those where the Interest Amortize Balance Type is not available in the contract.	During conversion, system is inserting 'INT' entry in account_balances_amortize for lease accounts. Because of 'INT' entry, system is trying to calculate interest rebate during payment posting and throwing error. This has now been fixed by restricting 'INT' entry in account_balances_amortize for lease accounts.
35349207	In the system Dashboard screen > Critical Batch Job Status tab, the critical batch jobs list are either coming empty or values are missing.	Fix has been provided by adding a new column 'Company' under Critical Batch Job Status tab in Dashboard screen. Now able to see the batch job and status as per the company.
35395312	SR: 3-33069432362 On posting a RESCHEDULE_INDEX transaction the INDEX dropdown is blank even though INDEX_TYPE_CD have details.	Fix has been provided by increasing the size of the plsql variable gen_codes_rec (vals) from 4000 to 32767 to resolve the issue.

Note: For details of forward ported enhancements and issues/fixes which are addressed in previous version of release and merged to this patch release, refer to '[Annexure – C: Forward Ported Enhancements and Fixes](#)' section.

13. Patch Release 14.12.0.0.11

13.1 Enhancements

Ref No.	Enhancement	Description
35168771	Repayment Schedule changes for Lease RENTAL Contract	As part of further updates to lease enhancement, support of Amortized Lease is done. Features like Detailed Amortized Schedule, Lease Recovery Type, and Evergreen for Rental are supported.
NA	New field 'Evergreen End Date' in summary.	Changes to Evergreen Lease - Introduced 'Evergreen End Date' field to capture evergreen rollover maturity date.
NA	Income Schedule details in Web Services	Enhanced Calculator GET Service & Account Details GET service to fetch Income Schedule details for Lease - Amortized method.
NA	1098 Reporting changes	The ACC_OFF_1098_REQ_NOT_IND is added as part of conversion process / Account On-Boarding Interfaces
NA	Configurable Date format in Events	This enhancement is an extension of the 'Configurable Date Format' feature in Flex Table Attributes to support in Events screen.
NA	Added Job Code Element to 'Scheduler' Service	As part of this release, added job code to further start/query 'Job Code' under the Job Set.
NA	Removed Data Access Check for Batch Reports	Following reports will not check the data access: <ul style="list-style-type: none"> • OCSPAL_EM_100_01 - PAYMENT ALLOCATION DETAILS • OCSPMT_EM_100_01 - PAYMENT POSTING (DAILY CASH) LOG • OCSPMT_EM_100_05 - MASTER ACCOUNT PAYMENTS LOG

13.2 Repayment Schedule changes for Lease Rental Contract

13.2.1 Overview

- For existing support of RENTAL based contract for Interest Bearing Lease (IBL) method, current enhancements for Amortized method is introduced.
- This enhancement includes the following changes:
 - Detailed Repayment Schedule
 - Print Income Schedule
 - Amortization TAM (Interest Amortization Frequency > Month End)
 - Lease Recovery Type > Fixed and Proportionate
 - Evergreen facility for Rental for regular and Fiscal/Stub contracts.
- Few changes in existing IBL method for Rental and Usage also provided to standardize the behavior of existing Usage/ Rental contracts.

13.2.2 Description

Following changes are done for RENTAL contract:

- System supports creating Lease Rental contract with 'Amortization' Method.
- On funding, system creates 'Repayment Schedule' with details for each payment cycle in 'Repayment Details' block.
- System generates 'Income Schedule' and support 'Due Date' based income recognition including Amortization TAM (Interest Amortization Frequency → Month End).
- System allows posting evergreen transaction on Amortized method; during evergreen period for fiscal/stub contracts and normal contracts.
- Brief changes are done in existing Usage/ Rental contracts to standardize the transaction posting and behavior.

Example:

Consider the following example with standard billing amount as 100\$.

Contract Type	Advance / Arrears	Recovery Method	Proposed Changes
Rental contract - IBL	Arrears	Proportionate	Post Adjust Plus for that cycle (100\$), if bill is not generated.
Rental Contract - AMZ	Advance / Arrears	Fixed	Post 'Adjust Plus' till maturity
Rental contract - AMZ	Arrears	Proportionate	Post Adjust Plus for that cycle (100\$), if bill is not generated.
Lease Usage - IBL	Advance / Arrears	Proportionate	Following transactions are introduced to post at the time of termination: <ul style="list-style-type: none"> • Terminate Usage Fee • Reverse Terminate Usage Fee

Contract Type	Advance / Arrears	Recovery Method	Proposed Changes
Lease Usage Rental - IBL	Advance / Arrears	Proportionate	Following transactions are introduced to post at the time of termination: <ul style="list-style-type: none"> • Terminate Rental Charge • Reverse Terminate Rental Charge

13.2.3 Seed Data

#	TABLE	KEY DATA	TYPE
1	TXN_CODES	FRC_TRM	INSERT
	TXN_CODES	FRC_TRM_REV	INSERT
	TXN_CODES	FUC_TRM	INSERT
	TXN_CODES	FUC_TRM_REV	INSERT
2	TXN_CODE_PRODUCTS	FRC_TRM ALL LS CE	INSERT
	TXN_CODE_PRODUCTS	FRC_TRM_REV ALL LS CE	INSERT
	TXN_CODE_PRODUCTS	FUC_TRM ALL LS CE	INSERT
	TXN_CODE_PRODUCTS	FUC_TRM_REV ALL LS CE	INSERT
3	ACCESS_GRID_FUNCTIONS	FRC_TRM ACC_CONDITION_CD ALL 0	INSERT
	ACCESS_GRID_FUNCTIONS	FRC_TRM ACC_STATUS_CD ALL 0	INSERT
	ACCESS_GRID_FUNCTIONS	FRC_TRM_REV ACC_CONDITION_CD ALL 0	INSERT
	ACCESS_GRID_FUNCTIONS	FRC_TRM_REV ACC_STATUS_CD ALL 0	INSERT
	ACCESS_GRID_FUNCTIONS	FUC_TRM ACC_CONDITION_CD ALL 0	INSERT
	ACCESS_GRID_FUNCTIONS	FUC_TRM ACC_STATUS_CD ALL 0	INSERT
	ACCESS_GRID_FUNCTIONS	FUC_TRM_REV ACC_CONDITION_CD ALL 0	INSERT
	ACCESS_GRID_FUNCTIONS	FUC_TRM_REV ACC_STATUS_CD ALL 0	INSERT

13.3 Evergreen End Date

13.3.1 Overview

Introduced 'Evergreen End Date' field in Servicing > Summary screen to capture evergreen rollover maturity date for every cycle; until lease is terminated.

13.3.2 Description

- New Field 'Evergreen End Date' is introduced to indicate the next evergreen bill date. Lease Account > Summary screen > Account Details > Evergreen End Date.
- This field helps the user to understand the evergreen roll over end date until the lease is terminated.
- System stamps the 'Evergreen End Date' only during 'Evergreen Period'.
- For Fiscal/Stub Billing scenarios, system stamps the evergreen starting from 'Full Period' cycles.

Note: Currently the Evergreen End Date is being handled for Auto Posted Evergreen by system.

Fiscal/Stub Contracts							
Contract Date	15-Mar-23	Evergreen Start Date	15-Mar-24	Contract Date	15-Mar-23	Evergreen Start Date	15-Mar-24
Subsequent Payment	01-Apr-23	Ever Green Posting Date	08-Mar-24	First Payment Date	01-Apr-23	Ever Green Posting Date	08-Mar-24
Stub/Fiscal	Y	Current Due Date	15-Mar-24	Stub/Fiscal	Y	Current Due Date	01-Apr-24
Method	Advance	Next Bill Run Date	01-Apr-24	Method	Arrears	Next Bill Run Date	01-May-24
Period	Evergreen	Evergreen End Date	01-May-24	Period	Evergreen	Evergreen End Date	01-May-24
Pre Bill Days	7 Days			Pre Bill Days	7 Days		
Last Bill Date (Maturity Date)	01-Mar-24			Last Bill Date (Maturity Date)	15-Mar-24		
Lease Closing Date	15-Mar-24			Lease Closing Date	15-Mar-24		
Regular Lease Contracts							
Contract Date	15-Mar-23	Evergreen Start Date	15-Mar-24	Contract Date	15-Mar-23	Evergreen Start Date	15-Mar-24
Subsequent Payment	15-Apr-23	Ever Green Posting Date	08-Mar-24	Subsequent Payment	15-Apr-23	Ever Green Posting Date	08-Mar-24
Stub/Fiscal	N	Current Due Date	15-Mar-24	Stub/Fiscal	N	Current Due Date	15-Mar-24
Method	Advance	Next Bill Run Date	15-Apr-24	Method	Arrears	Next Bill Run Date	15-Apr-24
Period	Evergreen	Evergreen End Date	15-Apr-24	Period	Evergreen	Evergreen End Date	15-Apr-24
Pre Bill Days	7 Days			Pre Bill Days	7 Days		
Last Bill Date (Maturity Date)	15-Mar-24			Last Bill Date (Maturity Date)	15-Mar-24		
Lease Closing Date	15-Mar-24			Lease Closing Date	15-Mar-24		

13.3.3 Seed Data

NA

13.4 Income Schedule details in Web Services

Income Schedule is introduced in Calculator GET Service & Account Details GET service.

13.4.1 Overview

Lease Calculator & Account Details GET service will fetch 'Income Schedule' details.

13.4.2 Description

- Lease Calculator GET service with Contract Type = Amortized will fetch 'Income Schedule' details, if existing on the account.
- Account Details GET service → Lease Amortized Contract method will fetch 'Income Schedule' Details, if existing on the account.

13.4.3 Seed Data

NA

13.5 1098 Reporting Enhancements

13.5.1 Overview

The existing feature of 1098 reporting in OFSLL is enhancement with focus on addition of flags in missing areas like conversion and Account Onboarding process.

13.5.2 Description

Conversion

In the conversion process, the 1098 flag / indicator is introduced in files to all conversion tables > DAT files of (loan, line, lease) to API_ASSETS and other applicable tables. This helps to migrate the value as part of the conversion process and accordingly reflect in the ASSETS table after account conversion.

Account Onboarding

This flag / indicator is available in the Account-on-Boarding (AoB) API request as a field <NotRequiredIndicator1098>. However, note that all use cases are not handled based on input of the values Y or N or blank. By default, system considers it as 'Y' and accordingly handled the impact.

The behavior of flag is as follows:

- System sets the flag ASE_1098_NOT_REQ_IND = Y if <NotRequiredIndicator1098> value is passed as Y in the API request. (Current behavior)
- System sets the flag ASE_1098_NOT_REQ_IND = Y if <NotRequiredIndicator1098> value is passed as BLANK in the API request. (Current behavior)
- System sets the flag ASE_1098_NOT_REQ_IND = N if <NotRequiredIndicator1098> value is passed as N in the API request. (New behavior)

13.5.3 Seed Data

NA

13.6 Configurable Date format for Flex Table Attributes

13.6.1 Overview

Current system limits the date format for Flex Table Attributes as MM/DD/YYYY. Change have been made to support different Fixed Simple date formats, which depend on 'Flex Table' attributes like application search, event parameter and so on.

13.6.2 Description

Changes in flex table attributes dependent fields

- As part of this change, the Event Parameter screen allows any date format i.e. a user can choose the Date Type parameter in Setup > Events > Events > Action > Action Parameters which is rendered based on logged-in user's division date format.
- However, while configuring the constant date value, ensure that either the logged-in user's division matches with the INTERNAL batch user's division, or both division's date format should match.

Note the following:

- If a user has created multiple divisions, all the four date formats should be present for all divisions without exception.
- For the account search to work, the user must configure the system parameter UIX_DB_SEARCH_ENABLED value = N.
- Also, ensure '**Division**' is selected for the '**INTERNAL**' user to make it work for dependent functionalities.

13.6.3 Seed Data

NA

13.7 New Job Code Element to 'Scheduler' Service

13.7.1 Overview

Currently, the Scheduler Service POST web service is limited only to the 'Job Set' level.

As part of this release, changes are done to further start/query 'Job Code' under the Job Set.

13.7.2 Description

Following changes are done in the system:

- Introduced new element **JobCode** to the existing Scheduler Service **POST service** (in Request & Response) as follows.
- Provided the following.
 - new elements under Response
 - JobCode
 - JobCodeDescription
 - JobCodeStatus
 - JobDetails → Multi Block
 - Thread
 - status
 - Renamed elements under Request.
 - Code = SetCode
 - Description = SetCodeDescription
 - Status = JobSetStatus
- Renamed existing elements in **PUT request and Response**.
 - 'Code' with 'SetCode' (only request)
 - 'Description' with 'SetCodeDescription'
 - 'Status' with 'JobSetStatus'.
- Updated the service description as 'This service is used to start, stop, and query batch job set and job code'.

Validations:

- JobCode element is non-mandatory.
- If the user provides this value, system does the following:
 - Validates whether 'Job Code' belongs to the 'Set Code'.
 - System performs the action for that provided 'Job Code' only as indicated below:
 - If QUERY – provides the details of the job code
 - If START – executes the job code alone
 - If STOP - error outs 'Invalid Value STOP for Action'.
 - As part of the Response, system always sends the individual status of Job Details for all enabled threads for a given Job Set & Company combination.
- If the user does not provides this value, then system works as existing behaviour by limiting the action at the 'Job Set' level.

Response Status Details:

If action = Query and user-provided Job Set and Job Code, system provides the Job Code in the Response.

- Only set code = **Job Set** SET-AAI details successfully Queried.
- Both = Job **Code** SET-AAI > **TXNDLY_BJ_100_01** details successfully.

13.7.3 Seed Data

NA

13.8 Removed Data Access Check for Batch Reports

13.8.1 Overview

Currently, in OFSLL, the delivery of reports depends on the value of the MODULE property specified in the command under 'Setup > Batch Jobs > Batch Jobs > Command. I.e., while the batch job is getting executed, system refers to the module name equivalent to the report name in the report server and then generate the report.

As part of this patch, the following reports does not check the access details if the batch job generates the report since the batch job uses an INTERNAL user wherein the 'INTERNAL user' has all rights to show the data.

- OCSPAL_EM_100_01 - PAYMENT ALLOCATION DETAILS
- OCSPMT_EM_100_01 - PAYMENT POSTING (DAILY CASH) LOG
- OCSPMT_EM_100_05 - MASTER ACCOUNT PAYMENTS LOG

13.8.2 Description

- As a new process, system starts supporting the new set of reports which doesn't look at the access details. I.e., providing a new set of reports which are mapped to the 'MODULE' property.
- Provided the seed data with new command.
 - If user wants to map this new report for developed Batch jobs, then user should update the corresponding seed data after installation.
 - Else, the existing command still supports it.
- For the new installations, only the template is enabled and user can change it to the old command with the previous module name to use all parameters.
- The existing batch job works for both new and old command(s) since the difference is only the report template query.

Example Old command:

```
MODULE="ocspmt_em_100_01" DESTYPE="PRINTER" DESNAME=archive
COPIES="1" P_CRT_BATCH_JOB_IND="N" P_BATCH_PRINTER="UNDEFINED"
P_DATE_FROM="$PROCESS_DT" P_DATE_TO="$PROCESS_DT"
P_USR_CODE="BATCH" P_COMPANY="$COMPANY_CODE"
P_BRANCH="ALL" P_USR_COM_COMPANY="O-0001"
P_USR_CMB_BRANCH="OD-001"
```

Example New command:

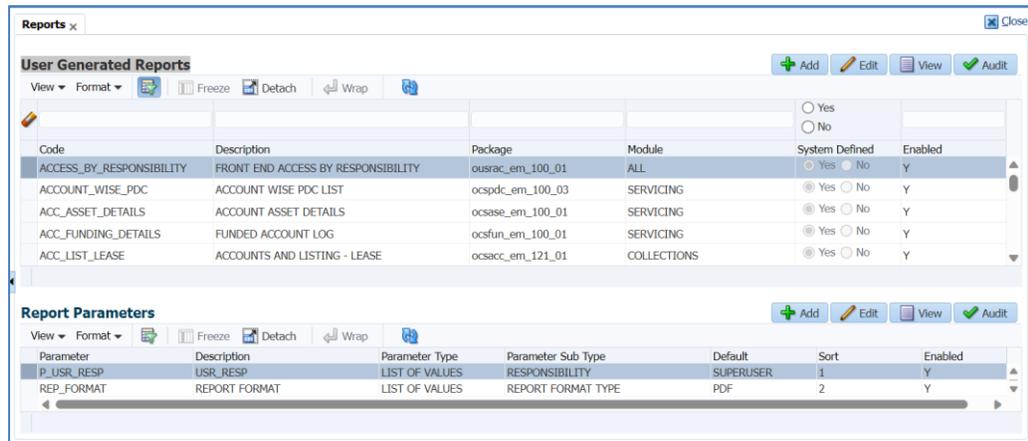
```
MODULE="ocspmt_em_100_01_batch" DESTYPE="PRINTER" DESNAME=archive
COPIES="1" P_BATCH_PRINTER="UNDEFINED"
P_DATE_FROM="$PROCESS_DT" P_USR_CODE="BATCH"
P_COMPANY="$COMPANY_CODE" P_BRANCH="ALL"
```

Note the following:

- The current scope is limited to only the above mentioned three reports.
- The remaining reports will be taken up in the future release.

U.I. changes:

- Renamed the tabs in Setup > Reports and Origination/Servicing/Collections Reports screen as 'User Generated Reports'.



Note: At present, OFSLL base reports can be generated from Origination/Servicing/Collections > Reports > Generate option. While generating the reports, system also checks the configuration under Setup > Access > Data > Access Grid. Based on the configuration, system filters the data based on the companies and generate the report; this behavior still be the same.

13.8.3 Seed Data

Sl. No	Table	Key Data	Type
1	JOBS	ALL SET-RPT40 OCSPAL_EM_100_01	UPDATE
2	JOBS	ALL SET-RPT40OCSPMT_EM_100_01	UPDATE
3	JOBS	ALL SET-RPT40 OCSPMT_EM_100_05	UPDATE

13.9 Seed Data changes for Impacted Bugs

NA

13.10 Patches and Bugs

Bug Id	Bug Description	Fix Description
34936394 Re-released with additional fix	SR:3-31673979551 For fiscal period case, the evergreen payment amount is the same as the last period bill amount, as per the configuration in evergreen. The amount is repeated for rest of the evergreen due amount. for billing cycle quarter the acc_due_date_next was updating one cycle ahead after evergreen transaction and billing.	A new evergreen payment method cd '% ON STANDARD PAYMENT AMOUNT' is introduced to address the issue. Fix for incorrect repayment dates populated in the repayment details for advance lease account on posting evergreen extension. Handled acc_due_dt_next to be set for maturity dt basis effective after evergreen bill1. Code fix has been provided to update the acc_due_date_next correctly.
35119633 Re-released with additional fix	SR:3-32214725921 The Income projection Report is ending with some non-zero balance.	Fix has been provided with package level changes so that the remaining small balance is adjusted at the month end income on Maturity date.
35155236 Re-released with additional fix	SR: 3-32369424861 In the production environment, there is an issue with Advance batch posting via batch job. When posted manually through UI, system validates the group totals but when posted via batch the group totals are not validated.	Fix has been provided with code changes such that while running batch job SET-LBT TXNADV_BJ_112_01, system validates the group totals.
35201085 Re-released with additional fix	SR: 3-32494865601 In the Lease Quarterly step payments it is found that the Income Projection Report's End Net book Value is not ending with the Residual of the Lease even when it has residual balance. However, the Lease with same data in Annual cycle is correct.	Since acc_flexible_repayment_ind indicator in the UI is always going as 'N', the same has been updated as 'Y' when acc_Repayment_Type_cd is 'USER_DEFINED' to resolve the issue.
35396155	SR:3-32716767221 Failure in Job set SET-EVE due to storage error.	Fix has been provided with code changes.
35506143	SR:3-33396974311 In production environment, it has been observed that a line account fallen into pool code.	Fix has been provided with code changes to set the default values to UNDEFINED instead of PIPE.

Bug Id	Bug Description	Fix Description
35526033	SR:3-33432618891 Incorrect business number in lease conversion with small business (SBL) and Business only (BUS) class type.	Fix has been provided with changes to api_bsd_121.dat so that system will update the business number as provided in dat file.
35547522	SR:3-33513188151 Business customers and details being populated for migrated accounts despite no BSD data provided.	Fix has been provided with package level changes so that selection of business details is handled inside cursor so that business id will generates only if BSD data provided.
35552833	SR:3-33528828871 Daily Trial Balance Job TABACC_BJ_100_01 is taking 2 hours to complete.	Fix has been provided by increasing sequence cache size to 1000 after verifying the default Cache Size from production.
35583626	SR:3-33629314771 There is an issue with Lease Income Report when payment amount is less than the interest calculated.	Fix has been provided with code changes so that the lease income will be calculated even when the payment amount is less than the interest amount.
35584808	SR:3-33633271938 WS call failed with the error "Invalid Promotion Code" when promotion code passed in contract update WS call.	Fix has been provided with the package level changes xaecon_em_100_01.pkb by adding required code logic.
35585661	SR:3-33633271838 Contract Update WS displays error when "CalculateActionCode": "CALCULATE_PMT" tag is passed. Also, when Calculation mode "CALCULATE_PMT" is passed, system is throwing an error that "Loan amount cannot be 0" even though amount financed is passed in request.	Fix has been provided with code changes to calculate the values properly when "CALCULATE_PMT" action code is passed. The response is also corrected to show the correct values after the calculation is done.
35586303	SR:3-33633271883 User is unable to load contract setup as per "PisInstrument" passed in the Contract PUT WS call.	Fix has been provided with the package level changes xaecon_em_100_01.pkb by adding required code logic.
35586514	SR: 3-33631658541 System does not fetch unique record when combination of app number and app xref (UNDEFINED) provided. It shows incorrect error "multiple record found".	Fix has been provided with the package level changes xaecon_em_100_01.pkb by adding required code logic.

Bug Id	Bug Description	Fix Description
35590167	SR:3-33642878371 When the user tried to Reverse the Lease activation transaction and observed that system is not changing the status of the asset.	Fix has been provided with code changes to change the status of the asset to previous status so that it can be used for another lease during Reversal of lease ACTIVE transaction.
35598761	SR:3-33653071201 SR:3-33653071232 System is not allowing to create the RENTAL agreement type leases.	Fix has been provided with code changes to calculate payment/rate for RENTAL agreement type leases.
35606881	SR:3-33664809468 The Lease Calculator API webservice with 4 decimals for Interest Rate and Residual Percentage tags are not accepted in the system. System shows an error as "StatusDetails": "CalculatorDetails.LeaseDetails.Rate : Invalid value CalculatorDetails.LeaseDetails.ResidualPercentage : Invalid value"	Fix has been provided by updating the 4 fraction digits for Residual Percentage and Rate for the below units: 1. CalculatorSwagger.java 2. LeaseDetailsType.java 3. LoanDetailsType.java 4. Constants.java
35615243	SR: 3-33703058141 The advance posting API has been failing in OFSLL Production after 3:30 pm EDT on 06/22/2023.	Fix has been provided with package level changes in xbtadv_em_100_01.pkb to set DT_FORMAT_FIXED after setting user details. So based on the user's company & branch combination date format is set. It will be used in next steps for further processing. <u>Note:</u> • Please reset the data source and clear the Statement cache after the compilation is done. • For each division, the user should maintain all the four date formats. • Clear the statement cache of the data source and restart the application is required if the user adds/modifies any date formats.
35630880	SR:3-33743692271 System returns with status code as 201 when "Simple App Entry" WS call is called with a validation error.	Fix has been provided with code changes to return the proper response code when error or successful completion of the service.
35636847	SR:3-33768785231 The seed data is missing for API_ACCOUNT_BALANCES under INPUT_FILE_RECORD_DETAILS.	Fix has been provided with code changes, and INPUT_FILE_RECORD_DETAILS dat file has been corrected resulting in upgraded seed data released.

Bug Id	Bug Description	Fix Description
35667541	SR:3-33846866391 "Change Application Status" WS call displays 200 in response however the application status is not changed due to Errors in Edits.	Fix has been provided with code changes so that response will be 400 incase the application status is not changed due to errors and warnings.
35672984	SR:3-33860677851 Simple Application create WS call invoked by customer, however the WS response is incomplete and does not display appropriate error. WS response just displays "Unable to Process Request" - 500 Internal Server Error.	Fix has been provided with code changes to show the proper user error message in the response instead of showing generic error message.
35692133	SR: 3-33911621561 Request Produce Service and Producer Update Service allow more char for Address1 and Address2	Fix has been provided such that, now for Producer Create/ Update Web service, able to save 80 characters for address line 1 and address line 2.
35589704	SR:3-33629314798 Income schedule is required in Account Details GET service and Calculator GET service.	This has been addressed as part of enhancement. For more details, refer to enhancement section.
35055142	SR:3-32084594531 User requires to determine the Draw Period End Date for Line Accounts via the Account Details webservice so that an external process can determine if Advances are allowed for individual Line accounts.	Fix has been provided by fixing following units: In xcs_svw.sql updated in XCS_ACC_EVW, added ACC_ADV_DRAW_END_DT and ACC_DRAW_PERIOD_END_DT based on Loan and Line Product updating its value.
35392629	SR:3-33069432285 The Summary screen goes off balance when the PRECONV_PAYMENT_REV transaction is posted twice on an account.	Fix has been provided such that, PRECONV_PAYMENT_REV payment is applicable for ACTIVE and CHGOFF account and this transaction will be rejected for all other status.
35667388	SR:3-33845518061 User is not able to Process Request response received from GET-Decision Web Service call.	Fix has been provided with code changes to verify the decision is available for the application, if not while calling the application system fetches the application APP_AAD_ID into decision table AAD_ID.
35648795	SR:3-33789734131 There is no data found in TXN_AMORTIZE table after running the batch job TAMPRC_BJ_100_01 on converted accounts.	Fix has been provided such that Amortization related columns are included in the insert statement of IACCOUNT_BALANCES_AMORTIZE table to resolve the issue.

Bug Id	Bug Description	Fix Description
35567388	<p>SR:3-33580885951</p> <p>AutoDecision and Application credit scoring not invoked if below Scoring parameters are used from CRED_SUMMARY table in Scoring Model Setup.</p> <p>1. Score Card/Model Id: CUM_FICO_MODEL_ID</p> <p>2. Score Number : CUM_FICO_SCORE_NO</p>	<p>Fix has been provided by adding the below parameters in view AUD_CUM_EVW and package audcsr_el_100_01.get_cum_vars.</p> <p>1. Score Card/Model Id: CUM_FICO_MODEL_ID</p> <p>2. Score Number : CUM_FICO_SCORE_NO</p>
35491383	<p>SR:3-33332432111</p> <p>Two CHGOFF transactions were posted almost at the same time in OFSL. These are not duplicated in the file, but one was posted with the parameters as N and one with the parameters as Y.</p>	<p>Fix has been provided with Data fix to identify the accounts where duplicate CHARGEDOFF transaction is posted with primary indicator is Y, and it will change the primary indicator to 'N' for recent transaction for the account.</p> <p>after completing the execution, system will insert the details in DATAFIX logs</p>
35479673	<p>SR:3-33326102321</p> <p>During account on boarding, system is inserting RENTAL CHARGE MATRIX only when <LinkExistingAssetIndicator>N </LinkExistingAssetIndicator>.</p>	<p>Fix has been provided such that If the linked asset has no RENTAL CHARGE MATRIX, then system will insert RENTAL CHARGE MATRIX which is given in AOB.</p>
35174476	<p>SR:3-32423016111</p> <p>Following issues are reported during Lease Contract Termination:</p> <p>Issue 1: System is showing wrong PayOff amount for Agreement Type 'RENTAL' and accrual method- AMORTIZED.</p> <p>Issue 2: After posting Evergreen Transaction, System is not allowing to Terminate the account.</p>	<p>Fix has been provided such that on termination the Rental account system is posting the Rental Charge transaction on the account also post the Adjustment transaction.</p>
35334975	<p>SR:3-32879898961</p> <p>Applications from Equifax Credit Bureau received a score of 808. The Decision tab is showing a score of 0 therefore giving the wrong Grade. When trying to rescore the application the score is not being populated in the decision tab.</p> <p>Also while doing Rescore - Score given is considering only Applicant Score and not considering Credit bureau score. Expectation is both will be considered.</p>	<p>Fix has been provided with code changes to pull the credit score when trying to do with manual decision (Re-score).</p> <p>If user not having option to provide the Experian id, system will select the max credit header id from data base and do the re-scoring.</p>

Bug Id	Bug Description	Fix Description
35532392	<p>SR:3-33481920821</p> <p>Currently Pricing WS (Get- Pricing Service) does not contain all the selection criteria as per setup to help retrieve a unique Pricing record. For e.g Pricing code, Grade Etc.</p>	<p>Fix has been provided with a new non-mandatory input parameter ' Pricing Code' to the get setup/pricing WS.</p> <p>If user provides wrong code, then system errors stating - no data found.</p> <p>If user provides correct code, system searches along with another search parameters and finds the result.</p>
35537832	<p>SR:3-33455257891</p> <p>On terminating the lease with Buyout indicator 'Y', system is changing the collateral status to 'RELEASED'. And system allows to reuse the RELEASED assets to another leases.</p> <p>TERMINATE with buyout means, the asset is given to the customer and should not be reused for another lease.</p>	<p>A new collateral status "SOLD" is introduced in the system and the following functionalities are provided:</p> <ul style="list-style-type: none"> - When a lease is terminated with Buyout, the status of the collateral should be set to "SOLD". - Users should not be allowed to set the collateral status to 'SOLD' manually. - Collaterals with status as 'SOLD' is not be allowed to be put into new account/application.
35168771	<p>SR:3-32392716431</p> <p>Repayment Schedule changes for Lease RENTAL Contract</p>	<p>As part of further updates to lease enhancement, support of Amortized Lease is done. Features like Detailed Amortized Schedule, Lease Recovery Type, and Evergreen for Rental are supported.</p> <p>For more details, refer to enhancement section.</p>
35565240	<p>SR: 3-33385001661</p> <p>Transaction posting is getting failed through web service, date parameter is taking as null.</p>	<p>Fix has been provided to set DT_FORMAT_FIXED after setting user details. So based on the user's company & branch combination Date Format is set.</p>
35156083	<p>SR:3-32363174371</p> <p>The below scenario of trade is not supported when done using a Single Account-onboarding (AoB) request for sending both the trades together.</p> <p>"2 Trades where 1 account is split into 2 and 1 account is merged with one of the splits".</p>	<p>Fix has been provided by adding a new lookup as SPLIT_COMBINE apart from Upgrade\Split\Combine etc, which will signify the kind of trade being posted.</p>
35565169	<p>SR: 3-33580302781</p> <p>During the Input File upload process in the production environment, multiple input files are getting generated and inserted into table which results with duplicate transactions being posted.</p>	<p>Fix has been provided to prevent duplicate file upload such that before inserting, system verifies if the file already exists in the IPF upload table. If yes, then the same file is not inserted again into the table. This ensures to avoid posting duplicate transaction(s) on same account.</p>

Bug Id	Bug Description	Fix Description
35558344	<p>SR: 3-33558920491</p> <p>The 1st METRO II run after upgrade and the job is failing with character to number conversion error(ORA-06502)</p> <p>Instance: OFSS STG2</p> <p>Version: 1412 PS 8</p> <p>Job Set: SET-ODD2</p> <p>Job Name: CBUUTL_BJ_100_03 [BATCH JOB FOR CREATING METRO 2 DATA FILE]</p> <p>Error: ORA-06502: PL/SQL: numeric or value error: character to number conversion error.</p>	<p>Fix has been provided such that, when history is not maintained for SOLD accounts, 'met_base_account_status' should retain existing data instead of padding it with space.</p>
35521513	<p>SR: 3-33453670541</p> <p>While posting credit limit transaction for Business/Customer with future date and if job is picked up for processing on next day, system allowing to increase/decrease the credit limit amount multiple times.</p>	<p>Fix has been provided such that, while posting credit limit transaction for Business/Customer with future date and if job is picked up for processing on next day, system will not increase/decrease the credit limit amount multiple times.</p> <p>Code changes made on following 12 transactions:</p> <p>CUS_CRLMT_INCREASE</p> <p>CUS_CRLMT_DECREASE</p> <p>CUS_CRLMT_HOLD_INCREASE</p> <p>CUS_CRLMT_HOLD_DECREASE</p> <p>CUS_CRLMT_SUSPEND_INCREASE</p> <p>CUS_CRLMT_SUSPEND_DECREASE</p> <p>BUS_CRLMT_INCREASE</p> <p>BUS_CRLMT_DECREASE</p> <p>BUS_CRLMT_HOLD_INCREASE</p> <p>BUS_CRLMT_HOLD_DECREASE</p> <p>BUS_CRLMT_SUSPEND_INCREASE</p> <p>BUS_CRLMT_SUSPEND_DECREASE</p>

Bug Id	Bug Description	Fix Description
35646839	<p>SR: 3-33790331951</p> <p>System displays the below error on posting a payment using "PaymentPostingRequest" web services on one of the loan accounts.</p> <p>AppUser=RVELAGAPUDI OSUser=oracle</p> <p>OFSLL Error Msg :</p> <p>Ora Error Code : 1400</p> <p>Ora Error Msg : ORA-01400: cannot insert NULL into ("OLLSTG2"."TXN_GROUPS_TEMP"."TGT_DT")</p> <p>Context : Error in : xbtpmt_em_100_01.insert_tgt_rec</p> <p>Context : Error in : xbtpmt_em_100_01.post_pmt</p> <p>Context : Error in : xbtpmt_ew_100_01.xbtpmt_ew_100_01</p>	<p>Fix has been provided with package level changes in XBTPMT_EM_100_01.PKB such that system sets the DT_FORMAT_FIXED after setting user details. So based on the user's company & branch combination, the date format is set which will be used in next steps for further processing.</p> <p>However, note the following while using this fix:</p> <ul style="list-style-type: none"> • Ensure to reset the data source and clear the Statement cache after compilation is done. • For each Division, ensure to maintain all the four date formats. • If user adds/modifies any date formats, the clearing the statement cache of the data source and restarting the application is required.
34058396	<p>SR: 3-29191778251</p> <p>This issue is an extended part of previously addressed solution i.e. Business Only - Application Entry - Applicant Info</p>	<p>Fix has been provided to display the Business tab on loading an application through Application Entry webservice..</p>
35667197	<p>SR: 3-33774916881</p> <p>Application created using BUSINESS only option using API webservice and tried to retrieve the data using the GET Application webservice request service, which fails to fetch the data.</p>	<p>Fix has been provided to fetch the application details successfully when applicant data does not exist.</p>
35409527	<p>SR:3-33069161151</p> <p>ACC_PROMISE_IND Is Y even if there is no active promise on the account.</p>	<p>Fix has been provided with table column description update in tech-doc</p> <p>Existing comment: Indicates that active promise is on the account</p> <p>New comment: Indicates that active promise is on the account. (Dependent on system parameter value of CPP_PROMISE_HELD_DAYS)</p> <p>The same shall be available in next rolled-up release.</p>

Bug Id	Bug Description	Fix Description
35668586	SR:3-33846866407 The Change Application Status Web service call response displays only Warning but the Status display- Error exist even after clearing the edits. Due to this, user is unable to change the status not interpret errors.	Fix has been provided such that: On trying to change the application status when Warning OK = 'N' and having some warnings, system shows 400 bad request and status as Error with message "Warning OK = N Warning exists. Cannot change the status." On trying to change the application status when Warning OK = 'Y' and having some warnings, system shows success response and changes the status of application.

Note: For details of forward ported enhancements and issues/fixes which are addressed in previous version of release and merged to this patch release, refer to '[Annexure – C: Forward Ported Enhancements and Fixes](#)' section.

14. Patch Release 14.12.0.0.12

14.1 Enhancements

Ref No.	Enhancement	Description
N.A.	DIS Wrapper Services	Developed a service that offers customers a PAR (Public Accessible Resource) URL for downloading OFSLL scheduled reports stored in object storage using DIS web services.
N.A.	Need elements in Get account details Webservices.	Added a new block of information to the Get account details Webservices.
35653900	Number Generation Changes	System is enhanced to allow users to configure 'Xref' along with other units
NA	CUP Batch Job Account Selection Enhancement	The Customer User Defined Parameter (CUP) calculation is enhanced to pick appropriate accounts for processing using an indicator on product.
OFSLL-38155	Cycle Based Fee enhancement.	Technical changes are done in TXNCBC_BJ_100_01 and ITUPRC_BJ_100_02 batch jobs as part of tech restructure.

14.2 DIS Wrapper service

14.2.1 Overview

There are multiple Oracle offerings variants that are incorporated in OFSLL, including OFSLL SaaS. These instance exclusively relies on the **Data Intelligence Service (DIS)** tool for processing OFSLL batch reports/letters. DIS is a robust tool that offers numerous advantages to businesses and organizations. Notably, it facilitates **shared access to files and data across multiple servers**, allowing users to retrieve the same files and data from different locations conveniently. This eliminates concerns related to version control and ensures data consistency.

DIS/OAS (Data Intelligence Service/Oracle Analytics Server) supports various delivery channels, with Object Storage being the recommended option for SaaS.

In the case of OFSLL, scheduled reports are stored in object storage using DIS web services.

The objective is to develop a service that offers customers a PAR (Public Accessible Resource) URL for downloading these reports.

14.2.2 Description

Currently in OFSLL, the delivery of reports, letters, and correspondences depends on the value of the DESTYPE property specified in the command under Setup > Batch Jobs > Batch Jobs > Command and all reports are stored in the path '\$home/reports/YYYY/MM/DD' in object storage.

Example:

```
MODULE="ounade_em_100_01" DESTYPE="PRINTER" DESNAME=archive  
COPIES="1" P_CRT_BATCH_JOB_IND="N" P_BATCH_PRINTER="UNDEFINED"  
P_DATE_FROM="$PROCESS_DT" P_DATE_TO="$PROCESS_DT"  
P_USR_CODE="BATCH" P_COMPANY="$COMPANY_CODE" P_BRANCH="ALL"  
P_USR_COM_COMPANY="O-0001" P_USR_CMB_BRANCH="OD-001" P_USER="ALL"
```

- Following changes are made to storing BATCH REPORTS/LETTERS in the DIS system.
 - The existing system parameter, **CMN_DEPLOYMENT_TYPE**, is being utilized to determine the environment type. The values present are CFS, ON-PREMISE, and GBUCS.
 - In the context of Oracle CFS, the DESTYPE property in OFSLL supports EMAIL and OBJECT STORAGE. If the DESTYPE property is not specified or a value other than EMAIL is provided, the default behaviour is to use OBJECT STORAGE to deliver reports.
 - EMAIL = EMAIL
 - FAX/ARCHIVE/PRINTER/SFTP = OBJECT STORAGE – *no Change in the command. I.e., internally, convert write into object storage.*
 - The property DESPATH is being utilized to store the generated reports/letters in the specified folder location.
 - Example

```
MODULE="ounade_em_100_01" DESTYPE="PRINTER" DESNAME=archive  
COPIES="1" P_CRT_BATCH_JOB_IND="N"  
P_BATCH_PRINTER="UNDEFINED" P_DATE_FROM="$PROCESS_DT"  
P_DATE_TO="$PROCESS_DT" P_USR_CODE="BATCH"  
P_COMPANY="$COMPANY_CODE" P_BRANCH="ALL"  
P_USR_COM_COMPANY="O-0001" P_USR_CMB_BRANCH="OD-001"  
P_USER="ALL" DESPATH ='/statements'
```
 - Once the system identifies that it needs to store the DIS object storage, it will create a folder like 'DIS/reports/YYYY/MM/DD' and then place the file under that specific folder.
 - Example: As of July 4th, 2023, a new file abc.pdf is getting created; then the file will be placed under root folder '/reports > 2023 > 07 > 04' (reports/2023/07/04/abc.pdf), then place a file under this folder.
 - If DESPATH is found, the system creates a subfolder and store/save the file, i.e., /DIS/reports/2023/07/04/statements/abc.pdf.
- For Letters
 - Changes in jobs under SET-LTR% based on the existing system parameter CMN_DEPLOYMENT_TYPE, the system starts pushing the files in the DIS tool.
 - If the Setup > Letters > Loan/Line/Lease > "Batch Printer" is configured other than EMAIL, system stores it in DIS /DIS/letters/2023/07/04/statements/abc.pdf

Note: batch reports are still needed to handle; however, the origination letters will start storing it.

- Following changes are made to retrieve the BATCH REPORTS/LETTERS from the DIS system

- Provided a new wrapper service that will share the PAR URL.
 Service Name: POST DIS PAR URL
context path: /setup/dis/generatepar
Service Name: DIS Service
Description: This service is used to generate PAR (Public Accessible Resource) URL for downloading reports
- Configuration parameters provided in the WebLogic Key-store
 The following parameters are configured at the time of installation and not provide any U.I. provision to update it.

Parameter Name	Description	Comment
DisBaseUrl	Root URL to access the token or PAR URL	sample URL: https://fsgbu.gbua.ocs.oc-test.com
DisUserIdPassword	Basic Authentication details to get the token	sample credentials: user id: fsgbuofslcfs password: 475e9b4f-8677-4a9e-a0d2-178831b051f9
DisTenantId	Tenant Id that to be send in the Post/Get the PAR URL	sample Tenant Id: yccypanrlsmazdu13ifh
DisBucketName	Bucket Id that to be send in the Post/Get the PAR URL	sample Bucket Name: cds_gbua_cndevcorp_fsgbu_fsgbuofslcfs_yccypanrlsmazdu13ifh_oasdis64_1
DisParUrlExpiryDays	PAR URL expiry days	15

Example:

Steps to access the files:

1. Step 1: Generate the PAR URL for a desired object

```

POST ..._BaseURL /setup/dis/generatepar 200 OK 3.86 s 279 B Just Now
JSON Basic Query Headers 1 Docs Preview Headers 9 Cookies Timeline
1 {
2   "DisRequestDetails": {
3     "Object": "DIS/letters/2023/",
4     "ExpiryDate": "2023-09-31T11:38:44+05:30"
5   }
6 }
7 }

1 {
2   "DisResponseDetails": {
3     "Status": "Success",
4     "ParUrl": "https://objectstorage.us-phoenix-1.oraclecloud.com/p/4gI8fx08A0HVg6B0ivP2iNUSOGAMiTvLWwn0jANGIS8-WblUmakU5Ggpy7E-BDAj/n/oraclegbudevcorp/b/cds_gbu_a_cndevcorp_fsgbu_fsgbuofsl1cfs_nuu1q45ztyhgqv5bgn1g_fsgbuofsl1cfs-DISDEV_1/o/"
5   }
6 }

```

2. Step 2: access the URL in any browser before the expiry date. After expiry date, URL will not be accessible.

```

https://objectstorage.us-phoenix-1.oraclecloud.com/p/4gI8fx08A0HVg6B0ivP2iNUSOGAMiTvLWwn0jANGIS8-WblUmakU5Ggpy7E-BDAj/n/oraclegbudevcorp/b/cds_gbu_a_cndevcorp_fsgbu_fsgbuofsl1cfs_nuu1q45ztyhgqv5bgn1g_fsgbuofsl1cfs-DISDEV_1/o/
1 {
2   "objects": [
3     {
4       "name": "DIS/letters/2023/08/09/lordec_em_111_01_AUS_080923_88037.pdf"
5     }
6   ]
7 }

```

3. Step3: Append the "name" to the PAR URL to access the file

Sample URL [lordec_em_111_01_AUS_080923_88037.pdf \(oraclecloud.com\)](https://objectstorage.us-phoenix-1.oraclecloud.com/p/4gI8fx08A0HVg6B0ivP2iNUSOGAMiTvLWwn0jANGIS8-WblUmakU5Ggpy7E-BDAj/n/oraclegbudevcorp/b/cds_gbu_a_cndevcorp_fsgbu_fsgbuofsl1cfs_nuu1q45ztyhgqv5bgn1g_fsgbuofsl1cfs-DISDEV_1/o/DIS/letters/2023/08/09/lordec_em_111_01_AUS_080923_88037.pdf)

Loan Decision ORACLE
Financial Services Lending and Leasing

Fax Date: 8/9/2023 10:21:31 AM

Decision Date	08/09/2023	Application Date:	06/30/2022	Application #	BARAK_CFSADB_001000470014
Dealer	EVER GREEN MOTORS	Underwriter	DEEPALI SHETE	Status	APPROVED
Applicant	ABHI SINGH	NATIONALITY ID:	XXX-XX-8494		
Co-Applicant					
Co-Signer					
Currency	AUD	Comments			

14.2.3 Seed Data

#	Table	Key Data	Type
1	FLS_ACCESS	FLL.DISRESOURCE.POST.DISPARURLDETAILS	POSTED
2	FLS_ACCESS_DETAILS	FLL.DISRESOURCE.POST.DISPARURLDETAILS RESPONSIBILITY_CD ALL	POSTED

14.3 New elements added to Get Account Details WebService

14.3.1 Overview

Introduced new YTD block under Get account details Webservices.

14.3.2 Description

Under account balances, added a new set of balance information related to 'YTD' along with missing CTD opening balance and balances posted.

```
"AccountBalances": {
  "AccountBalance": [
    {
      "AvailableTransactionType": "ADV",
      "BalancePaidInCurrentYear": 5017,
      "BalancePaidInPreviousYear": 5017,
      "OutstandingBalance": 11223,
      ""OpeningBalance": 1009,
      ""BalancePosted": 122,
      "YtdBalance": {
        ""OpeningBalance": 1009,
        ""BalancePosted": 122,
        ""BalancePaid": 122,
        ""OutstandingBalance": 11223
      }
    }
  ]
}
```

14.3.3 Seed Data

NA

14.4 Number Generation Changes

14.4.1 Overview

Currently, the system limits users to configure/enable the 'Xref Number' along with other units.

As part of this change, users can configure the Xref Number along with other units except 'Application Number and External Application Number.'

14.4.2 Description

By default, system doesn't allow to 'Copy Application' when user configures the Xref Number since it violates the unique constraint error.

After this change, users can configure Xref Number along with other units except 'Application Number and External Application Number' so that the user can copy the application.

This change is applicable for both the 'Application and Account' entity.

The screenshot displays two configuration windows. The top window, 'Number Generation Definition', shows a table with columns: Company, Branch, Entity, Channel, User Sequence Reset Freq, Max Length, Limit Length, Checksum Digit, and Enabled. The data rows are:

Company	Branch	Entity	Channel	User Sequence Reset Freq	Max Length	Limit Length	Checksum Digit	Enabled
MUR	ALL	APPLICATION NUMBER	ALL	NONE	30	FIXED	N	Y
ALL	ALL	APPLICATION NUMBER	ALL	DAILY	30	VARIABLE	N	Y
SAUDI	ALL	APPLICATION NUMBER	ALL	NONE	30	VARIABLE	N	Y

Below the table, a summary shows: Company MUR, Branch ALL, Entity APPLICATION NUMBER, Channel ALL, User Sequence Reset Freq NONE, Max Length 30, Limit Length FIXED, and Checksum Digit ---.

The bottom window, 'Number Sequence', shows a table with columns: Sequence, Units, Value, and Enabled. The data rows are:

Sequence	Units	Value	Enabled
0	XREF NUMBER		Y
1	USER SEQUENCE NUMBER LENGTH	2	Y
2	SYSTEM SEQUENCE NUMBER LENGTH	2	N

Note: By default, system allows the length for the Xref number up to 4 characters and validates with 'Max Length' before users want to enable it.

However, it is 4 characters during configuration and actual length validation will happen in runtime. If there is any violation, system displays an error as 'Max length' error. Then user should correct the setup/update the application/account Xref Number, and re-do the action.

14.4.3 Seed Data

NA

14.5 CUP Batch Job Account Selection Enhancement

14.5.1 Overview

Currently, for Customer User Defined Parameter (CUP) calculation, the existing batch job CUPPRC_BJ_100_02 is picking all those accounts where status of accounts are available in Lookup CUP_ACC_STATUS_CD and the other batch job CUPACC_BJ_100_01 processes the calculation.

This process is further enhanced to support below

- Split the existing batch job CUPACC_BJ_100_01 to work separately for Loan/Line/Lease.
- Removed the range base selection of accounts in batch job CUPPRC_BJ_100_02.
- Added additional ability of picking accounts using an indicator on product.

14.5.2 Description

- **Product Setup Changes**

Introduced new checkbox 'Skip User Parameters Calculation' under Setup > Products for all the modules (Loan, Line and Lease). So based on the enable/disable status of this checkbox, system picks the accounts for the calculation.

- **Batch Job Changes**

- Deprecated CUPPRC_BJ_100_02 batch job under batch job set SET-CUP.
- Introduced following new batch jobs for Loan/Line/Lease instead of the existing batch job CUPACC_BJ_100_01 under batch job set SET-CUP.
 - CUPACC_BJ_111_01 - LOAN USER DEFINED ACCOUNT TARGET PARAMETER CALCULATOR
 - CUPACC_BJ_112_01 - LINE USER DEFINED ACCOUNT TARGET PARAMETER CALCULATOR
 - CUPACC_BJ_121_01 - LEASE USER DEFINED ACCOUNT TARGET PARAMETER CALCULATOR
- During the execution of CUPACC_BJ_111_01, CUPACC_BJ_112_01, CUPACC_BJ_121_01 batch jobs, system processes the loan/line/lease accounts based on the product Skip User Parameters Calculation checkbox and Lookup > CUP_ACC_STATUS_CD.
- If the account has with the product has Skip User Parameters Calculation enabled, then batch doesn't pick the account for the calculation.
- If the account has with the product has Skip User Parameters Calculation disabled, then batch picks the account for the calculation.

Note the following:

- The same calculation process is applicable through Job/UI/WS and Event Actions.
- For existing CUP (CUPPRC_BJ_100_02, CUPACC_BJ_100_01) related to JOB and JOB_THREADS, setup has to be disabled for all 'Company'.

14.5.3 Seed Data

Sl.No.	Table	Key Value	Type
1	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 1	INSERT
2	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 2	INSERT

Sl.No.	Table	Key Value	Type
3	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 3	INSERT
4	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 4	INSERT
5	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 5	INSERT
6	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 6	INSERT
7	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 7	INSERT
8	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 8	INSERT
9	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 9	INSERT
10	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 10	INSERT
11	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 11	INSERT
12	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 12	INSERT
13	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 13	INSERT
14	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 14	INSERT
15	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 15	INSERT
16	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 16	INSERT
17	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 17	INSERT
18	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 18	INSERT
19	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 19	INSERT
20	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 20	INSERT
21	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 21	INSERT
22	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 22	INSERT
23	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 23	INSERT
24	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 24	INSERT
25	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 25	INSERT
26	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 26	INSERT
27	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 27	INSERT

Sl.No.	Table	Key Value	Type
28	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 28	INSERT
29	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 29	INSERT
30	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 30	INSERT
31	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 31	INSERT
32	JOB_THREADS	ALL SET-CUP CUPACC_BJ_111_01 32	INSERT
33	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 1	INSERT
34	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 2	INSERT
35	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 3	INSERT
36	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 4	INSERT
37	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 5	INSERT
38	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 6	INSERT
39	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 7	INSERT
40	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 8	INSERT
41	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 9	INSERT
42	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 10	INSERT
43	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 11	INSERT
44	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 12	INSERT
45	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 13	INSERT
46	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 14	INSERT
47	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 15	INSERT
48	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 16	INSERT
49	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 17	INSERT
50	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 18	INSERT
51	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 19	INSERT
52	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 20	INSERT

Sl.No.	Table	Key Value	Type
53	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 21	INSERT
54	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 22	INSERT
55	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 23	INSERT
56	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 24	INSERT
57	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 25	INSERT
58	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 26	INSERT
59	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 27	INSERT
60	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 28	INSERT
61	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 29	INSERT
62	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 30	INSERT
63	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 31	INSERT
64	JOB_THREADS	ALL SET-CUP CUPACC_BJ_112_01 32	INSERT
65	JOBS	ALL SET-CUP CUPACC_BJ_111_01	INSERT
66	JOBS	ALL SET-CUP CUPACC_BJ_112_01	INSERT
67	JOBS	ALL SET-CUP CUPACC_BJ_121_01	INSERT

14.6 Cycle Based Fee enhancement

14.6.1 Overview

Technical changes are done in TXNCBC_BJ_100_01 and ITUPRC_BJ_100_02 batch jobs as part of tech restructure.

14.6.2 Description

In TXNCBC_BJ_100_01 (CYCLE BASED COLLECTION LATE FEE PROCESSING) batch job:

Technical changes are done to process all the Master and its associated accounts on the same thread instead of distributing them on to different threads when the FCBC transactions has the parameter 'Recalc Master Txns' enabled as 'Y'.

However, for accounts that doesn't have any master account, it would get distributed properly across different threads. This ensures that the job can be run in multiple threads and duplicate transactions on the accounts would be avoided.

In ITUPRC_BJ_100_02 (POST UPLOADED TRANSACTIONS) batch job:

Technical changes are done to process the transaction upload file in such a way that all the master & associated accounts in that file are processed on same thread instead of getting distributed on to different threads.

However, for accounts that doesn't have any master account, it would get distributed properly across different threads. This ensures posting backdated monetary transactions using transaction upload file would not generate any duplicate transactions while reversing & reposting FCBC transaction on corresponding accounts.

14.6.3 Seed Data

NA

14.7 Seed Data changes for Impacted Bugs

NA

14.8 Patches and Bugs

Bug Id	Bug Description	Fix Description
35272873	SR: 3-32665536911 The SET-QCS - QCCPRC_BJ_100_01 - The Queue a base product job is taking several hours to complete creating performance issue.	Fix has been provided such that the function calling logic i.e QCCPRC_EM_100_01.GET_CBC_RESULT_IND from the QCC BJ has received the most number of executions. And in the proposal, the function calling logic was eliminated and the same was added to the actual query. Note: Anytime the ACCOUNT_TRACKING_ATTRIBUTES table is utilized, it is recommended to also equate the ACT_FTB_TABLE column for better query performance.
35717150	SR: 3-33994173331 Unable to update Tracking attribute of length greater than 30 by using Application Update Web service.	Fix has been provided such that the application Update web service Call allows user to update tracking attribute for length greater than 30 characters.
35760344	SR: 3-34108863061 The CUSTOMER NAME MAINTENANCE non-monetary transaction is missing the below parameters to update CUS_MOTHERS_MAIDEN_NAME, CUS_MAIDEN_MI_NAME, CUS_MAIDEN_NAME	Fix has been provided by adding the missing parameters to update the customer details properly.
35744543	SR: 3-34066814811 In the Asset Billing Rate Definition > Asset Billing Rate Details Tab > Release Asset rate: There is issue in the number rounding for filed % Increase – i.e. the % Increase field for Slab Formula rate in Rate Table does not allow for 4 decimals.	Fix has been provided such that, for “% increase” field, added the NumberFormatPattern, which was missed earlier to resolve the issue.
35789978	SR: 3-34208017301 While terminating a lease contract with Buyout indicator 'N', system is changing the collateral status to 'IN INVENTORY' after closing the lease. Also, system is not allowing to reuse the same asset to another leases.	Fix has been provided by including the Inventory status so that system allows to reuse the asset for another lease account.
35705131	SR: 3-33917407272 The is Runtime/Delays in End-of-Day Batch Job and require modification in TABACC_BJ_100_01 batch job.	Fix provided as follows: <ul style="list-style-type: none"> • Modification in job for SET-ACR, TABACC_BJ_100_01 • SQL queries go through SQL Profile creation

Bug Id	Bug Description	Fix Description
35590167 Re-released with additional fix.	SR: 3-33642878371 When the user tried to Reverse the Lease activation transaction and observed that system is not changing the status of the asset.	Fix has been provided with code changes to change the status of the asset to previous status so that it can be used for another lease during Reversal of lease ACTIVE transaction. Also Asset status is updated to NEW when the old status is UNDEFINED during the reversal of Lease Active Transaction.
35689292	SR: 3-33912016101 There is an issue noticed in EMAIL notifications since it failed to deliver the recipient.	Fix has been provided by adding new system parameter EMAIL_PROXY_ENABLED_IND for email proxy, instead of referring proxy from CMN_HTTP_PROXY.
35653900	SR:3-33808030501 Number Generation Changes required to configure Xref.	System is enhanced to allow users to configure 'Xref' along with other units. Refer to Enhancement section for more details.
35722635	SR: 3-34005265671 Lease-Application-POST and PUT service Rent Charge has an issue – i.e. on creating a lease application with all rate details in the decision and changing the status to 'APPROVED-BLANK – loading the contract via API web service its observed the Rent charge is coming wrong.	Fix has been provided with code changes such that the Rent Charge is populated correctly when generated through POST & PUT Contract Web Service.
35718532	SR: 3-33976415611 After the recent update, it is noticed that the ECOA code is not updating for all customer numbers within the membership when updating in the master account. Prior to this update, system was able to update the ECOA in the CUS_MAINT transaction and it corrected all accounts that the party ID was in.	Fix has been provided such that in UcsCarCusVO.xml, added new condition for summary screen to show all customers with enabled indicator Y. In AccountSummaryBean.java, updated showAllCustomerInfo() with parameter value to show all customers with enabled indicator Y.
35732286	SR:3-34027176881 In conversion of Line account system displays an error even with valid as - Edits "XVL: CONTRACT MATURITY DATE IS NOT EQUAL TO CONTRACT DT + TERM".	Fix has been provided by correcting the following: For XVL_CON_MAT_DT_FIRST_PMT_DT edit, Due day is taking from con_due_day in contracts table instead of day from first payment date. For XVL_CON_FIRST_PMT_DT_DUE_DAY edit, Due day validation is handled for month end. This changes are applied for Loan, Line and Lease in Conversion, UI and AOB.

Bug Id	Bug Description	Fix Description
35586303 Re-released with additional fix	SR:3-33633271883 User is unable to load contract setup as per "PisInstrument" passed in the Contract PUT WS call.	Fix has been provided with the package level changes xaecon_em_100_01.pkb by adding required code logic. Also, package level changes are done in xaecon_em_100_01.pkb to resolve the 500 internal server error, when no contract is loaded.
35584808 Re-released with additional fix	SR:3-33633271938 WS call failed with the error "Invalid Promotion Code" when promotion code passed in contract update WS call.	Fix has been provided with the package level changes xaecon_em_100_01.pkb by adding required code logic. Also the issue of Promotion code error "Invalid Promotion code" but from UI allowed - is resolved with package level changes.
35439645	SR: 3-33190540301 For Conversion accounts, the Billing Due Amt is not matching with Payment amt in Repayment Details.	Fix has been provided such that the 'acc_receivable_amt' is Updated with the account balances of Transaction Type code LSR, as Balance amount was coming as 0 for Lease converted Accounts.
35629110	During webhook testing with OBRH channel, request is not getting processed properly.	Fix has been provided in OauthTokenImpl.java such that webhook testing with OBRH channel, request is getting processed properly.

15. Patch Release 14.12.0.0.13

15.1 Enhancements

Ref No.	Enhancement	Description
NA	Lease Account - Computation of Residual Income changes	The Residual income is now calculated as the different between the Residual Value and the Present Value of the Residual Value discounted by the Lease Yield taken for the contract term.
34987506	Non-Accrual & Stop Billing	Support of 'Stop Accrual' & 'Stop Billing' for lease > Amortized method.
35360755	Metro II N1 segment reporting changes	For a more accurate way of reporting Consumer Information, system is enhanced to start reporting the N1 Segment.
35396073	Incoming file UI usability changes	Facility to download uploaded incoming file data from UI and show exceptional error reason for lockbox.
35667197	GET Application Search WS changes for business only application	Added a set of request and response elements to the existing GET Application Search Web Service to accommodate Business only application details.
NA	Extension - Statement Generation Changes	The system capability of re-generating a statement has been introduced in cases involving extension transaction posting.
NA	Miscellaneous Changes	Following changes are introduced as part of this patch release: <ul style="list-style-type: none">• Environment Detail information in Home Screen• File Upload Changes

15.2 Residual Income Split

15.2.1 Overview

System is upgraded to calculate the Residual Income by deriving the difference of Residual Amount and the present Residual value based on effective yield of the Lease.

However, for lease contracts with no residual balance, the residual income is not calculated and no accounting entries are generated.

15.2.2 Description

Following are the changes:

- Residual income is calculated as the different between the residual value and the Present Value of the residual value discounted by the lease yield taken for the contract term.
I.e. Total Residual Income = Residual Amount – Present Value of the Residual Amount at maturity discounted at the yield rate.
- Residual Income for each month is computed by the difference of residual income calculated at current term versus the previous month.

15.2.3 ‘Computation of Residual Income’ changes

- Introduced new columns in Servicing > GL Transactions > Revenue Projections
 - Primary Income (Refers to income generated on Lease Depreciated Asset Value).
 - Residual Income (Refers to income generated on Residual Value of the asset).
- System calculates split in the 'Income' indicating the difference between Income on Depreciated Asset Value and Residual Value of the asset.
- Apart from Income schedule, impact on TAM is handled.
- The Approach to calculate the split is shown as below:

Seq Pmt Dt	Pmt Amt	Income Date	Capital Recovery	Income	MonthEnd Income	Primary Income	Residual Income	End Net Book Value
1 01/01/2022	859.26	01/31/2022	733.56	125.70	125.70	119.86	5.84	9,266.44
2 02/01/2022	859.26	02/28/2022	743.65	115.61	115.61	109.69	5.92	8,522.79
3 03/01/2022	859.26	03/31/2022	753.88	105.38	105.38	99.38	6.00	7,768.91
4 04/01/2022	859.26	04/30/2022	764.24	95.02	95.02	88.94	6.08	7,004.67
5 05/01/2022	859.26	05/31/2022	774.75	84.51	84.51	78.25	6.16	6,229.92
6 06/01/2022	859.26	06/30/2022	785.41	73.85	73.85	67.60	6.25	5,444.51
7 07/01/2022	859.26	07/31/2022	796.21	63.05	63.05	56.72	6.33	4,648.30
8 08/01/2022	859.26	08/31/2022	807.16	52.10	52.10	45.68	6.42	3,841.14
9 09/01/2022	859.26	09/30/2022	818.25	41.01	41.01	34.50	6.51	3,022.89
10 10/01/2022	859.26	10/31/2022	829.51	29.75	29.75	23.15	6.60	2,193.38

15.2.4 Impact Handling

Impact on Web services & Conversion

Calculator Web services (GET)

- Included new parameter to fetch the information for Primary and Residual Income split (This will help to input required information in conversion also)
- (service/api/resources/origination/calculator) □ Displays Primary Income and Residual Income in income schedule response block

Impact on Conversion

- In conversion process, given a provision to load revenue schedule including, provision to load Primary and Residual Income.

15.2.5 Seed Data

Click [here](#) to view the Seed Data.

15.3 Stop Accrual & Stop Billing Enhancement

15.3.1 Overview

OFSLL is enhanced to support the following facilities:

- Suspend billing when the customer is not paying, currently done manually.
- Revenue recognition to resume (after billing has resumed) from where it had stopped.
- Non-accrual or re-accrual transactions to not affect maturity date.
- When the non-accrual transaction is performed in the middle of the billing cycle, the contract is to be flagged for non-accrual from the next billing cycle.

15.3.2 Description

System supports 'Stop Accrual' Transaction for lease > Amortized method.

15.3.3 Changes to 'Stop Accrual' transaction

- Add new transaction Parameter 'Stop Billing' with default value a 'N'.
- Behaviour of new transaction parameter is as indicated below:

#	Product	Existing / New change	Accrual Type	Stop Accrual (Flag)	'Stop Billing' Flag Value	Stop TAM (outcome)	Stop Billing (outcome)
1	Loan/Lease	Existing Behaviour	IBL	Y	N	Y	N
2	Loan/Lease	New (Stop Billing)	IBL	Y	Y	Y	Y
3	Loan/Lease	New	Amortized	Y	N	Y	N
4	Loan/Lease	New	Amortized	Y	Y	Y	Y

15.3.4 Handling Different Scenarios

Lease:

- If Start Accrual transaction is not posted and termination transaction is posted, system verifies the contract flag > **Lease Recovery Type > Fixed/Proportionate**, and tracks the billed amount after termination for collection i.e., system **considers the contract level flag to include or exclude** the un-billed balances as outstanding balances to collect from customer.
 - In such case, it is expected to post the contract parameter change transaction operationally or configure event to post transaction based on condition to change the 'Lease Recovery Type' preference.
- If the Billings are stopped, 'Evergreen Transaction' will **not** get triggered.
- There is no impact on 'Payoff Quote' (assuming that 'Start Accrual' transaction used by user operationally).
- If the 'Stop Billing' value in the transaction parameter is selected as 'Y'; then system posts conditions **'Stop Billing' & 'Stop Accrual'**.

- Any transaction related to 'Reschedule' group is restricted, if the 'Stop Billing' indicator = Y.
- Backdated 'Stop Accrual (including Stop Billing)' doesn't have any impact on Amortized accounts.
 - Since the bills are already generated; system does not reverse any accrual amount or bills and the transaction will be effective from the next billing cycle only (where bills are not generated).
- If back dated payment is posted which is greater than Due Amount, then the excess amount is posted in 'Memo' bucket and since no bills are getting generated, no payment adjustment is done. But once the bills are generated, system adjusts payment to bills generated.
- System does not allow to post 'Stop Accrual' and 'Stop Billing' Independently.
For example, on posting 'Stop Accrual' transaction only earlier and the flag is set to Y; on subsequent date, system does not allow to post 'Stop Billing' independently and displays an error as '**Cannot Post Transaction. Accrual Stop Indicator is Set to YES**'.
- System does not allow to REVERSE the transaction in the following scenario and system shows the error message as "**Cannot Post Transaction. Accrual Stop Indicator is Set to NO**".
For example, if Stop Accrual is posted on 01 Aug 2023 and subsequently start accrual is posted on 15 Aug 2023. After this, customer has selected 'Stop Accrual' transaction posted on 01 Aug 2023 and clicks on REVERSE button; the error message will be shown as above.

15.3.5 Changes to 'Start Accrual' transaction

When user posts the start accrual transaction, system will behave as follows:

Sl.	Product	Accrual Type	Billing Flag **	Accrual	TAM	Billing	Comments
1	Loan / Lease	IBL	N	Starts accrual from the date of last accrual	Starts amortization from the date of last amortization.	NA (since billings are getting generated, no impact)	No change required
2	Loan / Lease	IBL	Y	Start accrual from the date of last accrual	Start amortization from the date of last amortization; but amortization entry is posted as one transaction to catch up all previous records.	Start billing from the date of last bill that supposed to generate (Catch-up)	System generates separate bills and statements for each billing cycle progressively from the point, where it was not generated.
3	Loan / Lease	Amortized	N	Y	Y	N	Not applicable scenario (system doesn't allow this combination to post).

SI.	Product	Accrual Type	Billing Flag **	Accrual	TAM	Billing	Comments
4	Loan / Lease	Amortized	Y	Start accrual from the date of last accrual	Start amortization from the date of last amortization. System generates entries for each cycle independently.	Start billing from the date of last bill that supposed to generate. (Catch-up)	System generates separate bills and statements for each billing cycle progressively.

**Billing Flag Value (as part of stop accrual)

Note: When 'Start Accrual' transaction posted successfully; system will close 'Stop Accrual' condition and 'Stop Billing' condition; if it is OPEN on the account.

Example:

- Nonaccrual or re-accrual transactions does not affect maturity date.
- When the non-accrual transaction is performed in the middle of the billing cycle, the contract is flagged for non-accrual from the next billing cycle.

Term	Date	Pmt Date	Planned Payment	Planned Income	Billing Date	Amount	Rev Rec Date	Amount
	12-01-2021				12/01/2021	1000		
1	01-01-2022	01-01-2022	1000	349.05	01-01-2022	1000	01/31/2022	349.05
2	02-01-2022	02-01-2022	1000	326.33	02-01-2022	1000	02/28/2022	326.33
3	03-01-2022	03-01-2022	1000	302.81	03-01-2022	1000	03/31/2022	302.81
4	04-01-2022	04-01-2022	1000	278.48	04-01-2022	1000	04/30/2022	278.48
5	05-01-2022	05-01-2022	1000	253.29	05-01-2022	1000	05/31/2022	253.29
6	06-01-2022	06-01-2022	1000	227.23				
7	07-01-2022	07-01-2022	1000	200.26				
8	08-01-2022	08-01-2022	1000	172.34	08-01-2022	1000	08/31/2022	172.34
9	09-01-2022	09-01-2022	1000	143.45	09-01-2022	1000	09/30/2022	143.45
10	10-01-2022	10-01-2022	1000	113.55	10-01-2022	1000	10/31/2022	113.55
11	11-01-2022	11-01-2022	1000	82.61	11-01-2022	1000	11/30/2022	82.61
12	12-01-2022	12-01-2022	1000	50.59	12-01-2022	1000	12/31/2022	50.59
Total			12000	2499.99		10000		2072.5

Billing Date	Amount	Rev Rec Date	Amount
06-01-2022	1000	227.23	227.23
07-01-2022	1000	200.26	200.26
08-01-2022	1000	172.34	172.34
09-01-2022	1000	143.45	143.45
10-01-2022	1000	113.55	113.55
11-01-2022	1000	82.61	82.61
12-01-2022	1000	50.59	50.59

Once the 'Start Accrual' and 'Start Billing' is posted after suspension, system will generate previous bills (invoices) as on actual generation dates.

It will generate 3 separate invoices for the which it supposed to generate earlier.

15.3.6 Impact on Servicing

Introduced new field 'Stop Billing' after 'Stop Accrual' in Account Details page of Customer Servicing.

15.3.7 Impact on Conversion

- Introduced new field 'Stop Billing' in conversion screen and API with default value = N.
- If the 'Stop Billing' flag is passed as 'Y'; system validates that 'Stop Accrual also = 'Y'. If not system raises error and should not allow to convert the account.
 - Error Message: Stop Accrual flag should be 'Y' for Stop Billing flag value 'Y'.
 - On posting of 'Start Billing', system will generate bills due from the on boarding date and any outstanding dues remained on the account will be generated/collected as the last bill.
- If the 'Stop Billing' and 'Stop Accrual' flag values = Y; system allows the conversion and should batch jobs should follow the normal process of validating 'Stop Billing' or 'Stop Accrual' flags while doing accrual or generating bills.

15.3.8 Impact on Web services

- Account Details GET service have information about ' Stop Billing' flag in response.

```
"AccountDetailResponse":
{
  "AccountDetailRequest": {
    "AccountNumber": "20000100061065",
    "DisplayAssociateAccounts": "Y"
  },
  "AccountDetailSummary": [
    {
      "AccountNumber": "20000100061065",
      "MasterAccountIndicator": "Y",
      "SalesOrderNumber": "20000100061065",
      "StatementConsolidateIndicator": "Y"
      "AccMaturityDtBasisCd": "P",
      "AccProratePmtInd": "Y",
      "DrawPeriodEndDt": "2019-02-01T00:00:00",
      "StopBillingIndicator": "Y", -- New element
      "PisInstrument": "INS-LOAN-VE", -- New element
      "AccountBalances": {
        "AccountBalance": [
          {
            "AvailableTransactionType": "ADV",
            "BalancePaidInCurrentYear": 5017, -- removed this element
            "BalancePaidInPreviousYear": 5017,
            "OutstandingBalance": 11223,
            "OpeningBalance": 5017, -- New element
            "BalancePosted": 5017, -- New element
            "YtdBalance": -- New Block >> Data in this block shown based on the account
            status.
          }
        ]
      }
    }
  ]
}
```

15.3.9 Seed Data

Click [here](#) to view the Seed Data.

15.4 Metro II N1 Segment Reporting Changes

15.4.1 Overview

For a more accurate way of reporting Consumer Information, system should start reporting the N1 Segment.

The **N1 Segment** is used to report employment information for the consumer reported in the Base Segment. Only **one occurrence** of the N1 Segment can be appended to the Base Segment.

15.4.2 Description

Following changes are done in the system:

- New Lookups

Provided the following new lookup codes under the existing CBU_FILE_FORMAT_CD lookup as follows.

Lookup Code	Description	Enabled
990	426 BASE + 1J1 + 1J2 + 1K2 + 1K4 + 1L1+ 1N1	Y
1290	426 BASE + 2J1 + 2J2 + 1K2 + 1K4 + 1L1+ 1N1	Y
1590	426 BASE + 3J1 + 3J2 + 1K2 + 1K4 + 1L1+ 1N1	Y
1890	426 BASE + 4J1 + 4J2 + 1K2 + 1K4 + 1L1+ 1N1	Y

- Metro II data populations batch job changes: (CBUUTL_BJ_100_02)

System populates the following fields of a **Primary** Relation's employment information.

Field	Metro II Field Name	DB Filed Mapping
1	Segment Identifier	constant 'N1'
2	Employer Name	EMP_NAME
3	First Line of Employer Address	EMP_ADDRESS1
4	Second Line of Employer Address	EMP_ADDRESS2
5	Employer City	EMP_CITY
6	Employer State	EMP_STATE_CD
7	Employer Postal/Zip Code	EMP_ZIP
8	Occupation	EMP_OCCUPATION_CD
9	Reserved	" "

- The system reports **Current** Employment information; if the system finds more than one current record, it reports the last updated record.
- If there is no current employment record, the system reports blank for all the fields, i.e., report 'N1UNDEFINED'+135 blanks.

- Metro II file generation batch job changes: (CBUUTL_BJ_100_03)

While executing the SET – ODD2 > CBUUTL_BJ_100_03, based on the value configured under the CBU_FILE_FORMAT company parameter, system generates the file as follows.

CBU_FILE_FORMAT parameter Value	Header Record begins with	Base Segment + J1 Segments J2 segments + K2 + K4 + L1+N1 segments to be included in the file?													Trailer Record
		426 Base Segment begins with	J1_1	J1_2	J1_3	J1_4	J2_1	J2_2	J2_3	J2_4	K2	K4	L1	N1	
990	990	990	Yes	No	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	990
1290	1290	1290	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	1290
1590	1590	1590	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	1590
1890	1890	1890	Yes	Yes	Yes	Yes	Yes	1890							

- If system has to create the file with N1 Segment, i.e., the user would have configured one of the above values 990,1290,1590, or 1890, then the system will incorporate N1 Segment after L1 Segment, and it will populate the data, as mentioned above are met (Current Ind = Yes and sort by last updated date)
- In the Trailer Record (T1), the system will update the total records count in the following position as explained below.

Field Name	Position	To be updated as
32. Total Employment Segments	273- 281	Contains the total number of records with employment being reported in the N1 Segment

15.4.3 Seed Data

Click [here](#) to view the Seed Data.

15.5 Incoming Process File - UI Usability Changes

15.5.1 Overview

Provide usability changes in **Incoming Process File > Uploaded Files**.

15.5.2 Description

- Provided a new button, 'Download File Data,' to download the uploaded file data. It can be access-controlled.
- Disabled the following buttons if the column is null/empty
 - Download File Data
 - Download Log Data
 - Download Bad Data
- In UI, added 'Error Reason' to show exceptional reason codes.
 - At present, when the LOCKBOX file has error because of 'Mismatched Totals,' the system will create a payment batch and set the status as 'Processed Error'. After this change, the system will show an error reason as 'PAYMENT BATCH CREATED, MISMATCHED TOTALS.'

File Name	File Type	File Dt	Status	Error Reason	User
lockbox_payment_POST with seg7_1412TTR-2.bt	LOCKBOX	31/10/2023 10:36:02 AM	PROCESSED ERROR	PAYMENT BATCH CREATED, MISMATCHED TOTALS.	BARAK BOINA BOINA
lockbox_payment_POST with seg7_1412TTR-1.bt	LOCKBOX	31/10/2023 10:34:20 AM	PROCESSED		BARAK BOINA BOINA
lockbox_payment_POST with seg7_ALL_Comp IT...	LOCKBOX	31/10/2023 10:31:28 AM	PROCESSED ERROR		BARAK BOINA BOINA
lockbox_payment_POST with seg7_ALL_Comp.bt	LOCKBOX	31/10/2023 10:26:46 AM	PROCESSED ERROR		BARAK BOINA BOINA
lockbox_payment_POST_1412TTR_06.bt		31/10/2023 12:00:00 AM	PROCESSED ERROR		RANA AKASH

Note:

In the future, system will be enhanced to show additional exceptional reason codes for other files and errors. In the current process of understanding the file processing error, the user should still need to check the 'Log Data'.

15.5.3 Seed Data

Click [here](#) to view the Seed Data.

15.6 GET Application Search – WebService Changes

15.6.1 Overview

GET Application Search – WebService changes for business only applications.

Added a new set of request and response elements to the existing GET Application Search Web Service to accommodate business-only application details. This will enable users to provide more comprehensive information on business applications and improve the overall search functionality.

15.6.2 Description:

Following changes are done:

WebService changes

Added the following elements to the Application Search

Request	Response
businessname	BusinessName
businesslegalname	BusinessLegalName
businesstaxid	BusinessTaxId
businessphone	BusinessNumber
businessnumber	BusinessEmail
	BusinessPhone
	ClassType

UI changes

Enabled Email-Id under Origination > Business details

Origination x

Summary Applicant **Business** Request Decision Bureau Collateral Comments Tracking Document

Business

Business Details

Edit View Audit

View Format Freeze Detach Wrap

Existing Business #	Organization Type	Business Type	Business Category	Business Name	Legal Name
0000000000	C CORP	SERVICE	INDIVIDUAL	BUCKS COUNTY H...	INSACO, INC

Business Details

Return

Existing Business #	0000000000	# of Employees(Cur)	111	# of Locations	12
Organization Type	C CORP	# of Employees	222	Management Since	12
Business Type	SERVICE	Contact Person	TEST CONTACT	Existing Business	---
Business Category	INDIVIDUAL	Business	ORACLE	Existing Business Name	UNDEFINED
Business Name	BUCKS COUNTY HOUSING GROUP, INC	Checking Bank		Payment Hierarchy	
		Bank Acc #	1111	Email	RAKESH.BOINA@ORACLE.COM
		Currency	US DOLLAR		
		Avg Checking Balance	1,000.00		

15.6.3 Seed Data

NA

15.7 Extension - Statement Generation Changes

15.7.1 Overview

Currently in the system, once the statements are generated for a particular billing cycle, there is no option to re-generate statements for the same period. It is a onetime process which can neither be reversed nor re-generated. In case of accounts on which extension transactions are posted, the due date gets pushed forward by the number of terms mentioned in the extension transaction, however statements which were generated for a billing cycle, cannot be re-generated for the new due date generated by the extension feature.

The downstream / external payment systems that integrate with OFSLL rely on the customer statements generated to charge / generate autopay for the customer accounts; hence there is a need to address the statement re-generation logic in cases which involve extension transaction posting, since the bills become due at a future date but do not have a corresponding statement getting generated on the new due date.

15.7.2 Description

An extension transaction if posted on an account with already generated dues which are unpaid, pushes the due date with the extension term passed in the transaction parameters. However, the generated statements do not undergo any change and remain intact.

On the new due dates, system is not currently generating the statements which can show the dues of the account. Going ahead, statement will get re-generated on pushed /extended due dates.

Statement will only be re-generated for those bills if the new due date generated for a bill is greater than the GL date + pre-bill days. i.e. if the due date is yet to be generated / in the future / far off from the GL date.

If the new due date generated for a bill is already less than the GL date, statement re-generation will not happen as the due date has already passed.

On reversal of the extension transaction, the new due dates get replaced with the original due dates. There is no change required in the re-generated statements. Those will remain as in the statements tab and will not be deleted. So, statements once generated will not be deleted.

Further statements will now get generated for the subsequent bills as per the pre-bill days of the account.

Statement records displayed in the statements tab (irrespective of whether the customer statement file is generated or yet to be generated), shall not be deleted.

The Customer Service > Account details > Statements tab will continue to show the original statements generated in the past; additionally, it will also start showing the newly generated statements

The data in the sub-tabs of Statements, Transactions, and Messages for the regenerated statements will be the same as it was for the original statement that was generated.

When Statement Consolidation Flag is Y and Extension transaction is being processed on accounts participating in consolidation, the statement generation logic will be in sync across the accounts. Same logic would be applicable across the multiple accounts when Process Master Account / Process Associated Accounts etc. flags are used during extension transaction posting.

There is no specific action that the user will need to do to regenerate the statements for an extended due. There are no additional parameters as part of the extension transaction that have been introduced to achieve the desired / new behavior of statement re-generation for extension posted accounts.

15.7.3 Limitations and Open Issues

- The statement generation changes are only applicable for Loan & Line products. These changes are not applicable for Lease product.
- For a set of Master and Associated accounts (example: 1 Master & 3 Associated accounts) with Statement consolidation flag = Y, an Extension transaction whenever posted on a master or an associated account, it will necessarily be posted with the parameters PROCESS MASTER ASSOCIATED ACCOUNTS = YES & PROCESS SAME PRODUCT TYPE AND FUNDING TYPE ACCOUNTS = YES
- This is required to be done to keep the due dates in sync and line with statement consolidation flag being Y.
- Extension / Extension over-ride transactions cannot be posted on Line accounts which are seriously delinquent.
- Existing Validation: System will not allow posting of extension on loan accounts (Delq Cat Method: PMTS) for terms greater than the number of dues.
Example: if a loan account is 2 dues delinquent, it will not allow to post extension for terms greater than 2. Extension can only be posted for term <=2.
- The same validation would be brought in going ahead for Line accounts irrespective of the delinquency category method.
- Any back-dated adjustments / waive on transaction types affecting the billing, will reflect in the billing transaction accordingly, but generated / re-generated statements will not reflect the adjustments/ waives. Any Balance (if unpaid) will accordingly reflect in the next fresh statement.
i.e. Statements will be re-generated with already billed amount. If any back-dated transaction is posted which affects the due amount, it will be part of the next fresh bill and statement getting generated and not in the extension bills statement getting re-generated.

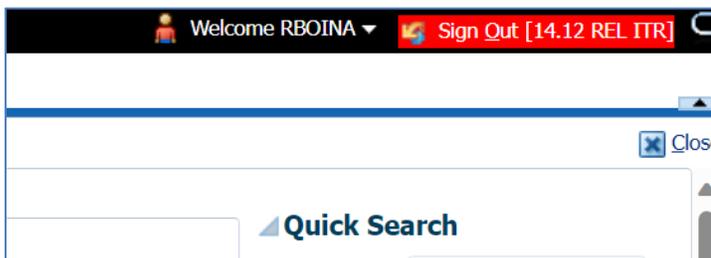
15.7.4 Seed Data

NA

15.8 Miscellaneous Changes

15.8.1 Environment Detail information in Home Screen

In the home screen (at the top left corner) currently, system displays ENVIRONMENT_TYPE_CD lookup code. The same has now been enhanced to show the description of the lookup to have detailed information other than just the lookup code.



15.8.2 File Upload Changes

The transaction file upload now verifies the INTERNAL user's date format while reading and validating.

Hence, ensure to maintain the date format since it is mandatory for the internal user's division.

15.9 Seed Data changes for Impacted Bugs

NA

15.10 Patches and Bugs

Bug Id	Bug Description	Fix Description
35814129	SR: 3-34274142751 The scoring parameters 'CUM_FICO_MODEL_ID' & 'CUM_FICO_SCORE_NO' are not populated during 'Copy Bureau Request', while creating the application.	Fix has been provided such that, 'CUM_FICO_MODEL_ID' & 'CUM_FICO_SCORE_NO' columns are included in 'CRED_SUMMARY' table insert statement.
35932482	SR: 3-34620779331 Get Decision WebService displays incorrect message "No Pricing record found" but however, the Pricing setup is available.	Fix has been provided such that system is able to FETCH and insert the pricing details for an application even when existing customer indicator is NO from the SETUP PRICING.
35919802	SR: 3-34593165801 Observed failures in several Contracts. Unable to create Accounts, and observed failures in several Contracts with error - Transaction failed to Post in Account #: _PHASE Error: "Account product is not eligible, for calculations (SYS-SYS-SYS-TXN-002049)", Transaction Posting Failed.	Fix has been provided by adding a condition to not consider product validation in cup engine while posting TRADE transaction.
35903420	SR:3-34551798771 System does not assess the Cycle Based Collection Fees regularly on MONTHLY basis and is happening BI-MONTHLY.	Data fix is provided to correct the issue for accounts affected by incorrect assessment of FCBC fees. The FCBC fee that was not being assessed monthly, will now be assessed monthly from the conversion date or start date of account. Fix has been provided such that system identifies the affected accounts and fix the errors by reversing all the transactions in the affected accounts till the conversion date and re-post all the reversed transactions.
35873637	SR: 3-34387370421 System does not catch-up the TAM entries for the missing periods (between the contract date to the Date on which the account is boarded) and it should be successful in continuing with further TAM entries as per the income schedule.	Fix has been provided such that system will catch-up the TAM entries for the missing periods (between the contract date to the Date on which the account is boarded) and it will be successful in continuing with further TAM entries as per the income schedule.

Bug Id	Bug Description	Fix Description
35872478	SR: 3-34456678471 Filter in Status column in Accounts Block (In Customer Service screen) is not working as expected.	Fix has been provided such that the filter on Status column is changed to Text Field. Note: This filed consist of status and multiple conditions hence can't show the values in LOV, hence changed it to Text Field
35866869	SR: 3-34442128251 After upgrade to 14.12.0.0.0 version, it was noticed that the 'Total Due Amount' in Mock Statement REC 1 (MASTER SUMMARY RECORD) was incorrect.	This issue was fixed in previous version and fix has been provided with same code changes to show the consolidated amount of Total Due Amounts in Mock Statement REC 1
35845951	SR: 3-34373455931 Frequent job/report failures related to the below reports under SET-RPT40 are reported. Both reports are enhanced as part of PS 12. OCSPMT_EM_100_05 OCSPAL_EM_100_01	This is configuration issue in BI Publisher and following steps are to be followed to rectify the issue: 1. Login and navigate to the BIP Administration page. 2. Click "Properties" at "Runtime Configuration". 3. Set a value for the relevant property 'Maximum Report Data Size' and click 'Apply' to save the changes. 4. It may also be necessary to increase the 'Free memory threshold'. 5. Set these values Maximum report data size for ONLINE reports - 600MB Maximum report data size for OFFLINE (scheduled) reports - 6000MB
35845266	SR: 3-34371745151 Masking and unmasking of fields are not working as expected.	Fix has been provided with code changes to mask and un-mask the fields based on the SETUP which is maintained over the SETUP, if user wants to mask or unmask the fields policy will work based on the SETUP.
35814984	SR: 3-34152586007 System is displaying 'UNDEFINED' in the title next to the application number, for Business only Lease application both through UI and web services.	Fix has been provided, to show the Business name in the Application Title for the Business only applications, both through UI and web services.
35626395	SR: 3-33730802571 In the Lease Calculator UI and API, when user trying the scenario (Step Payments) getting the Exceeded maximum iteration error.	Fix has been provided such that, Lease Calculator both through UI & API, for Step Payment scenario is working as expected.

Bug Id	Bug Description	Fix Description
35672984 Re-released	SR:3-33860677851 Simple Application create WS call invoked by customer, however the WS response is incomplete and does not display appropriate error. WS response just displays "Unable to Process Request" - 500 Internal Server Error.	Fix has been provided with code changes to show the proper user error message in the response instead of showing generic error message. Post the update, it was noted that Simple application entry service is not populating the error message properly when user is not valid and user defined defaults are not exists in the system. So code changes are made to show the proper user error message in the response instead of showing generic error message.
35717150 Re-released	SR: 3-33994173331 Unable to update Tracking attribute of length greater than 30 by using Application Update Web service.	Fix has been provided such that the application Update web service Call allows user to update tracking attribute for length greater than 30 characters. Additional fix has been provided such that for a given application, if the tracking attributes are not loaded and if user try to update the tracking attributes via Application Update service without loading it from UI, system automatically loads the tracking details and then update it for the following blocks. - ApplicantTrackingAttributes - BusinessApplicantTrackingAttributes - CollateralTrackingAttributes - ApplicationTrackingAttributes
35798977	SR: 3-34238581741 TAMPRC job giving error for backdated leases	Fix has been provided, to handle the error message 'Possible Looping Issue: The next amortization run date is set incorrectly for ".On boarding Rental Lease account will get processed successfully by TAMPRC batch process.

Bug Id	Bug Description	Fix Description
35807487	<p>SR:3-34257422421</p> <p>It is noticed that system is processing/posting the Payment Transactions more than once especially for those payments that came in during the EOD.</p> <p>Ideally, system needs to avoid duplicate posting and restrict the payment based on the PMT_REFERENCE. If PMT_REFERENCE is not null then check if there is already a Payment with that reference and error out the transaction.</p>	<p>Fix has been provided by adding the below validations</p> <ol style="list-style-type: none"> 1. Added validation before posting account based payment to check if PMT_REFERENCE is not null and action is POST and already a combination of pmt_acc_nbr,pmt_dt,pmt_amt,pmt_reference and pmt_cur_currency_code is present in payments table then dont post the payment. 2. Added validation before posting customer based payment to check if PMT_REFERENCE is not null and action is POST and already a combination of pmt_master_acc_nbr,pmt_dt,pmt_amt,pmt_reference and pmt_cur_currency_code is present in payments table then do not post the payment.
35808193	<p>SR:3-34255278471</p> <p>After adding an Asset to a PAID OFF Loan and substituting this assets as primary, system does not allow to update points on the asset.</p>	<p>Fix has been provided with code changes in AccountCollateralVacationOwnership Edit.jsff so that system allows to update points in the newly added asset.</p>
35360755	<p>SR:3-32965548311</p> <p>System does not generate N1 segment (Employment details of Primary Customer) in the Metro II output. It is a standard segment within the published Metro II guidelines.</p>	<p>Fix has been provided with required changes so that system reports the N1 Segment. Refer to Enhancement section for more details.</p>
35667197 Re-released	<p>SR: 3-33774916881</p> <p>Application created using BUSINESS only option using API webservice and tried to retrieve the data using the GET Application webservice request service, which fails to fetch the data.</p>	<p>Fix has been provided to fetch the application details successfully when applicant data does not exist.</p> <p>Additional fix has been provided by adding Email - under Origination > Business details to fetch the application details successfully.</p>
35894887	<p>SR:3-34514441781</p> <p>System does not generate the statements for backdated lease accounts. Especially after creating leases with backdated scenario, system is not generating the bills for already executed bills.</p>	<p>On creating leases with backdated scenario, due date history is generated and statement will not generate as part of account creation.</p> <p>Code changes are done so that system will generate the statements for already executed bills during account creation itself. This change is applied for Loan, line, lease.</p>

Bug Id	Bug Description	Fix Description
35785727	<p>SR:3-34186580531</p> <p>Post applying the previous patch set, it is noticed that system is not generating the last bill created with Quarterly Arrears for fiscal scenario.</p>	<p>Fix has been provided with code changes to resolve due date next and the Billing is happening as expected.</p>
35820511	<p>There is an issue with seed data file of api_account_balances data file definition in input_file_record_details.dat file.</p> <p>Same sequence number has been assigned to few fields and as a result conversion file is failing in loading the records into api table.</p>	<p>Fix has been provided such that the seed data file of api_account_balances data file definition in input_file_record_details.dat is modified with different sequence number to address the failure.</p>
35939985	<p>SR:3-34621186521</p> <p>System displays backdate error while posting Rescission transaction on loan account and/or while reversing a payment for an account.</p>	<p>Fix has been provided with code changes to By-Pass the validation on backdate error on posting RESCISSION ACCOUNT transaction.</p>
35833272	<p>SR:3-34276461621</p> <p>Maker - Check in Transaction Authorisation process is not working as expected in Stage2 of Post-Dated Extension Override.</p>	<p>Fix has been provided such that if txn_authorize_ind is enabled then txn_action_type_cd will be set as VALIDATED in package TXNBMT_BJ_100_01. This will validate the payment and make the status as Waiting for Approval.</p>
35918788	<p>SR:3-34589697561</p> <p>Event & Webhook is getting completed & triggered twice for same event Criteria for application status update event.</p> <p>Since Event criteria is available only for New-Review_Required (App status/App sub status) then only 1 event criteria should be satisfied and 1 action webhook should be triggered.</p>	<p>Fix has been provided with code changes to avoid duplicate events for application update configured over Events.</p>

Bug Id	Bug Description	Fix Description
35396073	<p>SR:3-32829433111</p> <p>It is observed that Download Log Data Files For Processed Files Are Empty.</p> <p>When the file status is "Processed_Error", Log file contains only "Mismatched Control Totals", Bad File contains no data and Batch is not created.</p>	<p>Fix has been provided with following changes:</p> <p>Added a new button to download the actual file. 'Download File Data'. It should be access controlled.</p> <p>Disabled the All button, if the column is null/empty.</p> <p>In UI, added 'Error Reason' column in Process Files screen to show exceptional reason codes.</p> <p>Currently, when LOCKBOX file has error because of 'Mismatched Totals', system creates a payment batch and set a status as 'Processed Error'. After this change, system displays an error reason as 'PAYMENT BATCH CREATED, MISMATCHED TOTALS'</p>
34987506	<p>SR:3-31866180131</p> <p>The Lease - STOP ACCRUAL is not stopping the Revenue Recognition. Ideally, system should stop the revenue recognition and should stop the billing after posting STOP ACCRUAL transaction.</p>	<p>System has been upgraded to support 'Stop Accrual' & 'Stop Billing' for lease > Amortized method. For more details, refer to Enhancement section.</p>
35807302	<p>SR:3-34255950071</p> <p>System is not processing the GL bulk/IPF files since the input files names are hardcoded in the jobs.</p>	<p>As system does not allow to upload the duplicate file upload for processing, fix has been provided by modifying the code to take the file name with date as following with file name.</p> <p>To fix this issue, changes are done from two places:</p> <ol style="list-style-type: none"> 1.SETUP OUTPUT_FILE_DEFINITIONS 2. Batch Job code for reading the data files with data for processing.
35921065	<p>On posting call activity from application, the promise date validation is done with respect to the SYSDATE. Whereas when invoked call activity API, the same validation is done wrt the GL date. Ideally in application also validation should be done wrt to the GL date.</p>	<p>Fix has been provided such that, if posted a call activity from application, the promise date validation is modified so that it will be done with respect to the GL date.</p>

Bug Id	Bug Description	Fix Description
35859079	Account Migration is failing for Validation XVL_CON_FIRST_PMT_DT_DUE_DAY. The above edit validates whether the date part of the first_pmt_dt is same as the due day or not. The field was early derived from app_first_pmt_dt but now it is being derived from acc_due_day_cur. This is incorrect as the Due day can change anytime during the life of loan/line so it will not correspond to first pmt date.	Fix has been provided by adding a condition pv_aco_con_rec.con_new_ind = YES at the validation check to resolve the issue.
35962345	SR 3-34724119551 Some of the condition codes are to be excluded in the base code for the DTF process. Hence, it is required to add the ACO_ENABLED_IND filter in the ADF report.	Code fix has been provided in RPTSEC_EM_100_01 package by adding the required filter condition "aco_enabled_ind='Y'" in the securitization package for the ADF report.
35924571	SR:3-34605289757 It is observed that in most of the accounts, the Payment history profile from Metro II is updated as NULL and in some as 'DDDDDDDDDDDDDDDDDDDDDDDDDDDD' for OCTOBER Month	Fix has been provided such that 'MET_BASE_PMT_HISTORY_PROFILE' column from Metro_ii_data table which is reported as NULL is corrected. In earlier Data Fix, the 'MET_BASE_PMT_HISTORY_PROFILE' columns which was reported as 'DDDDDDDDDDDDDDDDDDDDDDDDDDDD' was missed for some accounts, and this is also corrected in the current Data Fix script. Code fix provided to bypass K2 segment fields based on the company parameter.
35931022	SR:3-33070910941 Duplicate transactions are created at the master account due to multiple threads trying to reverse and re-post transactions.	Duplicate transactions are only created when reversals and reposts are driven by multiple associated accounts updating the master account with FCBC master consolidation indicator flag = Y and for FCBC transaction code RECALC MASTER TXNS flag = Y. Fix has been provided to process the 'F' & 'M' status accounts from DF1.
35981038	Performance issues have been noticed in TXNBMT.	Fix has been provided by adding an index to resolve the performance issue.

Note: For details of forward ported enhancements and issues/fixes which are addressed in previous version of release and merged to this patch release, refer to ['Annexure – C: Forward Ported Enhancements and Fixes'](#) section.

16. Patch Release 14.12.0.0.14

16.1 Enhancements

Ref No.	Enhancement	Description
NA	Delete Process for Conversion / Migration Accounts via Delete Account webservice	Delete data from all the tables (API, i-tables) used in the Conversion/migration process whenever a Converted / Migrated account is deleted.
NA	Clustering of Purge Batch Jobs	Archival and Purge batch jobs are clustered into individual batch jobs with a new set of system parameters.
NA	'Xref' field in Servicing > References tab	Provided provision to capture the 'Xref' number in Servicing > References tab.
NA	Web Services changes	<p>Added the following new set of services.</p> <ul style="list-style-type: none"> Repossession - GET, PUT, POST Call Activity - GET Stipulations - PUT, POST Multiple Promise POST <p>Existing Webservices:</p> <ul style="list-style-type: none"> Account Search Webservices Get Account Details Webservices Get Transaction Details Webservices
NA	Unmask SSN in Webservices response	<p>Unmask SSN in following Webservices based on system parameter:</p> <ul style="list-style-type: none"> GET Account Details Webservices GET Application Search Webservices Get Application Details Webservices
NA	Create a daily Alert Log file	<p>Made following changes:</p> <ul style="list-style-type: none"> Creating new log files every day Added a time stamp to the logging

16.2 Pre-requisite

Before upgrading this patch, ensure that the Data Fix **14.12.0.0.14_DF_36226438.sql** which is available under `\db\data_fix` directory is executed. Since there were performance issue due to statement regeneration by picking up all the records again after previous patch update (14.12 PS13) due to specific column values `STM_REGEN_DT` and `STM_MASTER_ACC_REGEN_DT` set to system date. This data fix helps to update and set these column value to `DT_MAX(TO_DATE('12/31/4000', 'MM/DD/YYYY'))`.

16.3 Delete Process for Conversion / Migration Accounts

16.4 Overview

The Delete web service currently supports deleting accounts which are created through the Account-on-Boarding (AoB) web service and created through the Conversion / Migration process. Such accounts can be deleted only if they are in VOID [`ACC_STATUS_CD=VOID`] status.

Post deletion of an account, the deletion entry gets inserted in the `ACCOUNT_DELETE_HISTORY (X Tables)` table. This table has the field `ADL_ACC_NBR`, which is always null and does not store the deleted account number.

Also, the Delete webservice does not delete the data from all the tables (`IACCOUNTS`, `API` tables, etc) used in the migration process. After this change, the system will also delete this information.

16.5 Description

The following changes are made:

- Populating the field `ADL_ACC_NBR` with the account number that has been deleted using the Delete webservice.
 - Whenever an account is deleted using the Delete webservice, a record of the deleted details is inserted in the `ACCOUNT_DELETE_HISTORY` table and is continued.
 - This table has a field `ADL_ACC_NBR`, which is populated with a `NULL` value once an entry is done for a deleted account. Instead, system updates with the actual value of the account number deleted.
 - This is done for all the accounts getting deleted by the Delete webservice.
- Extended the applicability of the Delete webservice to delete an account's data from all the tables used in the Conversion / Migration process.

- Using the existing Delete webservice, system allows the deletion of an account (loan/line/lease) created through the Conversion / Migration process and Account-on-Boarding (AoB) API / web service. Such accounts need to be in VOID status before they can be deleted through the existing Delete webservice.
- This process is continued to allow deletion of an account created using AoB web service / API and Conversion / Migration process with the same logic/validations that are in place.
- As part of the revised process of deletion for Converted/migrated accounts, data gets deleted from the main / Primary tables as well as the i-ACCOUNTS tables, API TABLES, and all other related tables that are used in the conversion process for that particular account which is passed in the Delete webservice request.
- A similar data set with required changes will flow in as part of a fresh conversion that the user wants to do for the deleted account. System now allows for the same without any unique constraint errors arising in all the existing tables.
- Applications funded through the Origination module continued to be disallowed and deleted through the Delete webservice.

16.6 **Seed Data**

NA

16.7 Clustering of Purge Batch Jobs

16.7.1 Overview

Data in table will grow over time which may vary across different businesses. Batch jobs for Archival and Purge are used to ensure the efficient functioning of daily operations. However, the currently OFSLL is tightened with a few sets of system parameters and jobs, which is insufficient for a few industries.

As part of this update, the archival and purging process is clustered into individual batch jobs with a new set of system parameters.

16.7.2 Description

Following new system parameters are added to existing batch jobs to run individually based on new system parameters configured purge days.

#	Batch Job	Description	New System Parameter
1	PJRPAP_BJ_100_01	PURGE APPLICATION DATA	PAP_PURGE_DAYS
2	PJRPGL_BJ_100_01	PURGE GL TXNS DATA	PGL_PURGE_DAYS
3	PJRPPA_BJ_100_01	PURGE POOLS DATA	PPA_PURGE_DAYS
4	PJRPPX_BJ_100_01	PURGE PRODUCER TXNS DATA	PPX_PURGE_DAYS
5	PJRPTX_BJ_100_01	PURGE TXNS DATA	PTX_PURGE_DAYS
6	PJRPVA_BJ_100_01	PURGE VENDOR ASSIGNMENTS DATA	PVA_PURGE_DAYS
7	PODODH_BJ_100_01	ARCHIVING ODD TABLES	POD_ARCHIVE_DAYS

Following new batch jobs and respective new system parameters are added under SET-PUR to Archive and Purge.

#	Batch Job	Description	New System Parameter
1	PODODH_BJ_100_02	ARCHIVING OUTPUT DATA DUMP TABLES	POD_OARCHIVE_DAYS
2	PJRPOD_BJ_100_01	PURGE OUTPUT DATA DUMP DATA	POD_PURGE_DAYS
3	PIDIDH_BJ_100_01	ARCHIVING INPUT DATA DUMP TABLES	PID_ARCHIVE_DAYS
4	PIDIDH_BJ_100_02	ARCHIVING O INPUT DATA DUMP TABLES	PID_OARCHIVE_DAYS
5	PJRPID_BJ_100_01	PURGE INPUT DATA DUMP DATA	PID_PURGE_DAYS
6	PJRPIP_BJ_100_01	PURGE INPUT FILE PROCESSING DATA	PIP_PURGE_DAYS
7	PJRPOF_BJ_100_01	PURGE OUTPUT FILE PROCESSING DATA	POF_PURGE_DAYS

#	Batch Job	Description	New System Parameter
8	PJRPOM_BJ_100_01	PURGE OUTBOUND MESSAGES TABLE DATA	POM_PURGE_DAYS
9	PIPIPF_BJ_100_01	ARCHIVING INPUT FILE PROCESSING TABLES	PIP_ARCHIVE_DAYS
10	PIPIPF_BJ_100_02	ARCHIVING O INPUT FILE PROCESSING TABLES	PIP_OARCHIVE_DAYS
11	POFOPF_BJ_100_01	ARCHIVING OUTPUT FILE PROCESSING TABLES	POF_ARCHIVE_DAYS
12	POFOPF_BJ_100_02	ARCHIVING O OUTPUT FILE PROCESSING TABLES	POF_OARCHIVE_DAYS
13	POMOBM_BJ_100_01	ARCHIVING OUTBOUND MESSAGES TABLES	POM_ARCHIVE_DAYS
14	POMOBM_BJ_100_02	ARCHIVING O OUTBOUND MESSAGES TABLES	POM_OARCHIVE_DAYS

The table below summarizes all 50 archival & purge jobs to its table, parameter, and process.

#	Batch job	Target Table	System parameter	Criteria which is < 'process date - parameter days + 1'
1	PACARC_BJ_100_01	ACCOUNTS	PAC_ARCHIVE_DAYS	The last Activity Date (ACC_LAST_ACTIVITY_DT) < The account open indicator (ACC_OPEN_IND) should be NO
2	PACARC_BJ_100_02		PAC_OARCHIVE_DAYS	
3	PJRPAC_BJ_100_01		PAC_PURGE_DAYS	
4	PAPARC_BJ_100_01	APPLICATIONS	PAP_ARCHIVE_DAYS	Application Date (APP_DT) < It depends on the status and sub-status of the applications that are set in the lookup type called pur_app_status_cd.
5	PAPARC_BJ_100_02		PAP_OARCHIVE_DAYS	
6	PJRPAP_BJ_100_01		PAP_PURGE_DAYS (replaced)	
7	PGLARC_BJ_100_01	GL DATA	PGL_ARCHIVE_DAYS	GI Txn Date (gtx_dt) <
8	PGLARC_BJ_100_02		PGL_OARCHIVE_DAYS	

#	Batch job	Target Table	System parameter	Criteria which is < 'process date - parameter days + 1'
9	PJRPGL_BJ_100_01		PGL_PURGE_DAYS (replaced)	
10	PJRJRQ_BJ_100_01	JOB_REQUESTS	PJR_PURGE_DAYS	End Run Date (JRQ_RUN_DATE_END) <
11	PSTARC_BJ_100_01	STATEMENTS	PST_ARCHIVE_DAYS	Statement Generate date (stm_gen_dt) <
12	PSTARC_BJ_100_02		PST_OARCHIVE_DAYS	
13	PTTPRC_BJ_100_01	PTT% TABLE DATA	PTT_PURGE_DAYS	Start date (ulg_start_date) < End date (ulg_end_date) = DT_MAX Session id (ulg_session_id) <> UNDEFINED
14	PTXARC_BJ_100_01	TXNS	PTX_ARCHIVE_DAYS	Txn post-date (txn_post_dt) < also, Txn post-date (txn_post_dt) >= the last purge date that is set in the system parameters table (PTX_TXN_LAST_PURGE_DT)
15	PTXARC_BJ_100_02		PTX_OARCHIVE_DAYS	Txn post-date (txn_post_dt) <
16	PJRPTX_BJ_100_01		PTX_PURGE_DAYS (replaced)	
17	PUPARC_BJ_100_01	TXN_UPLOAD	PUP_ARCHIVE_DAYS	Txn upload post-date (tup_post_dt) < also, Txn upload post-date (tup_post_dt) >= the last purge date that is set in the system parameters table (PUP_TUP_LAST_PURGE_DT)
18	PUPARC_BJ_100_02		PUP_OARCHIVE_DAYS	Txn upload post-date (tup_post_dt) <
19	PVAARC_BJ_100_01		PVA_ARCHIVE_DAYS	

#	Batch job	Target Table	System parameter	Criteria which is < 'process date - parameter days + 1'
20	PVAARC_BJ_100_02	VENDOR ASSIGNMENTS	PVA_OARCHIVE_DAYS	Assignment Date (vna_assignment_dt) < Assignment status (vna_vendor_asg_status_cd) = C or L or V
21	PVEARC_BJ_100_01	VENDOR	PVE_ARCHIVE_DAYS	Vendor End Date (ven_end_dt) <
22	PVEARC_BJ_100_02		PVE_OARCHIVE_DAYS	
23	PJRPPA_BJ_100_01	OOPOOLS DATA	PPA_PURGE_DAYS (replaced)	End_date (POO_END_DT) <
24	PJRPPX_BJ_100_01	OOPRODUCER S_TXNS	PPX_PURGE_DAYS (replaced)	GI txn date (PTX_DT) <
25	PJRPVA_BJ_100_01	OOVENDOR ASSIGNMENTS	PVA_PURGE_DAYS (replaced)	Assignment date (VNA_ASSIGNMENT_DT) <
26	POFOPF_BJ_100_01	OUTPUT FILE DATA	POF_ARCHIVE_DAYS	File date (opf_file_dt) <
27	POFOPF_BJ_100_02		POF_OARCHIVE_DAYS	
28	PPAARC_BJ_100_01	POOLS	PPA_ARCHIVE_DAYS	End_date (poo_end_dt) < also, Dependent on status(poo_pool_status_cd), either cancelled / released
29	PPAARC_BJ_100_02		PPA_OARCHIVE_DAYS	
30	PPRARC_BJ_100_01	PRODUCERS	PPR_ARCHIVE_DAYS	Producer status (pro_status_cd) is INACTIVE. creation_date < last_update_date< and no accounts association
31	PPRARC_BJ_100_02		PPR_OARCHIVE_DAYS	
32	PPXARC_BJ_100_01	PRODUCER TXNS	PPX_ARCHIVE_DAYS	Txn date (ptx_dt) <
33	PPXARC_BJ_100_02		PPX_OARCHIVE_DAYS	
34	PJRPEV_BJ_100_01	EVENT ENTITY	PEV_PURGE_DAY	Event start date (EVI_EVENT_START_DATE) <
35	PJRPIP_BJ_100_01		INCOMING_LOB_PURGE_DAYS	File Date (IPF_FILE_DT) <

#	Batch job	Target Table	System parameter	Criteria which is < 'process date - parameter days + 1'
36	PIPIPF_BJ_100_01	INCOMING PROCESS FILES	PIP_ARCHIVE_DAYS (new)	
37	PIPIPF_BJ_100_02		PIP_OARCHIVE_DAYS (new)	
38	PJRPOD_BJ_100_01	OUTPUT FILE DATA HEADERS	POD_PURGE_DAYS (new)	File Run Date (ODH_RUN_DT) <
39	PODODH_BJ_100_02		POD_OARCHIVE_DAYS (new)	
40	PODODH_BJ_100_01		POD_ARCHIVE_DAYS (replaced)	
41	PJRPOF_BJ_100_01	OUTGOING PROCESS FILE	OUTGOING_LOB_PURGE_DAYS (new)	File Date (OPF_FILE_DT) <
42	PJRPOM_BJ_100_01	OUTBOUND MESSAGES	POM_PURGE_DAYS (new)	Creation Date (CREATION_DATE) <
43	POMOBM_BJ_100_01		POM_ARCHIVE_DAYS (new)	
44	POMOBM_BJ_100_02		POM_OARCHIVE_DAYS (new)	
45	PULULG_BJ_100_01	USER_LOGINS	PUL_PURGE_DAYS (new)	End Date (ulg_end_date) <
46	PVIARC_BJ_100_01	VENDOR INVOICES	PVI_ARCHIVE_DAYS (new)	Invoice Date (vin_invoice_dt) <
47	PVIARC_BJ_100_02		PVI_OARCHIVE_DAYS (new)	Invoice Status (vin_invoice_status_cd) = C or V
48	PIDIDH_BJ_100_01	INPUT DATA DUMP	PID_ARCHIVE_DAYS (new)	File received date <
49	PIDIDH_BJ_100_02		PID_OARCHIVE_DAYS (new)	
50	PJRPID_BJ_100_01		PID_PURGE_DAYS (new)	

16.7.3 Seed Data

#	Table	Key Data	Type
1	SYSTEM_PARAMETERS	PPA_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
2	SYSTEM_PARAMETERS	PPX_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
3	SYSTEM_PARAMETERS	PVA_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
4	SYSTEM_PARAMETERS	PGL_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
5	SYSTEM_PARAMETERS	PTX_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
6	SYSTEM_PARAMETERS	PIP_ARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
7	SYSTEM_PARAMETERS	PIP_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
8	SYSTEM_PARAMETERS	POD_ARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
9	SYSTEM_PARAMETERS	POD_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
10	SYSTEM_PARAMETERS	POD_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
11	SYSTEM_PARAMETERS	POF_ARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
12	SYSTEM_PARAMETERS	POF_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
13	SYSTEM_PARAMETERS	POM_ARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
14	SYSTEM_PARAMETERS	POM_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
15	SYSTEM_PARAMETERS	POM_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
16	SYSTEM_PARAMETERS	PID_ARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
17	SYSTEM_PARAMETERS	PID_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT

#	Table	Key Data	Type
18	SYSTEM_PARAMETERS	PID_PURGE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL ALL	INSERT
19	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PPA_PURGE_DAYS	INSERT
20	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PPX_PURGE_DAYS	INSERT
21	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PVA_PURGE_DAYS	INSERT
22	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PGL_PURGE_DAYS	INSERT
23	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PTX_PURGE_DAYS	INSERT
24	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POM_PURGE_DAYS	INSERT
25	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POD_PURGE_DAYS	INSERT
26	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PIP_ARCHIVE_DAYS	INSERT
27	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PIP_OARCHIVE_DAYS	INSERT
28	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POD_OARCHIVE_DAYS	INSERT
29	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POD_ARCHIVE_DAYS	INSERT
30	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POF_ARCHIVE_DAYS	INSERT
31	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POF_OARCHIVE_DAYS	INSERT
32	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POM_OARCHIVE_DAYS	INSERT
33	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM POM_ARCHIVE_DAYS	INSERT
34	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PID_ARCHIVE_DAYS	INSERT
35	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PID_OARCHIVE_DAYS	INSERT
36	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PID_PURGE_DAYS	INSERT
37	JOBS	ALL SET-PUR PJRPIP_BJ_100_01	INSERT
38	JOBS	ALL SET-PUR PJRPOD_BJ_100_01	INSERT
39	JOBS	ALL SET-PUR PJRPOF_BJ_100_01	INSERT
40	JOBS	ALL SET-PUR PJPOM_BJ_100_01	INSERT
41	JOBS	ALL SET-PUR PIPIF_BJ_100_01	INSERT
42	JOBS	ALL SET-PUR PIPIF_BJ_100_02	INSERT
43	JOBS	ALL SET-PUR PODODH_BJ_100_02	INSERT

#	Table	Key Data	Type
44	JOBS	ALL SET-PUR PODODH_BJ_100_01	INSERT
45	JOBS	ALL SET-PUR POFOPF_BJ_100_01	INSERT
46	JOBS	ALL SET-PUR POFOPF_BJ_100_02	INSERT
47	JOBS	ALL SET-PUR POMOBM_BJ_100_01	INSERT
48	JOBS	ALL SET-PUR POMOBM_BJ_100_02	INSERT
49	JOBS	ALL SET-PUR PIDIDH_BJ_100_01	INSERT
50	JOBS	ALL SET-PUR PIDIDH_BJ_100_02	INSERT
51	JOBS	ALL SET-PUR PJRPID_BJ_100_01	INSERT
52	JOBS	ALL SET-PUR PJRPIP_BJ_100_01 1	INSERT
53	JOBS	ALL SET-PUR PJRPOD_BJ_100_01 1	INSERT
54	JOBS	ALL SET-PUR PJRPOF_BJ_100_01 1	INSERT
55	JOBS	ALL SET-PUR PJRPOM_BJ_100_01 1	INSERT
56	JOBS	ALL SET-PUR PIPIPF_BJ_100_01 1	INSERT
57	JOBS	ALL SET-PUR PIPIPF_BJ_100_02 1	INSERT
58	JOBS	ALL SET-PUR PODODH_BJ_100_02 1	INSERT
59	JOBS	ALL SET-PUR PODODH_BJ_100_01 1	INSERT
60	JOBS	ALL SET-PUR POFOPF_BJ_100_01 1	INSERT
61	JOBS	ALL SET-PUR POFOPF_BJ_100_02 1	INSERT
62	JOBS	ALL SET-PUR POMOBM_BJ_100_01 1	INSERT
63	JOBS	ALL SET-PUR POMOBM_BJ_100_02 1	INSERT
64	JOBS	ALL SET-PUR PIDIDH_BJ_100_01 1	INSERT
65	JOBS	ALL SET-PUR PIDIDH_BJ_100_02 1	INSERT
66	JOBS	ALL SET-PUR PJRPID_BJ_100_01 1	INSERT

16.8 'Xref' for References Tab

16.8.1 Overview

Provided a new 'X-Ref' field to capture the legacy number under Servicing > Customer Service > Customer Service > References.

16.8.2 Description

- Added a new mandatory 'X-Ref' varchar field.
- The default value will be 'Undefined'.
- There is no unique validation; and user can add or update the field value and view it.

Reference #	X-Ref	Relationship	Name	Status	Country	City	State	Address	Address Line 2	Zip
0000001002	10100010293	NIECE	10100010293	ACTIVE	US	CALIFORNIA	CA	10100010293	10100010293	123
0000001001	UNDEFINED	GRAND PARENT	HARDIT B	ACTIVE	US	CALIFORNIA	CA	#15, GROUND FL...	MARUTHI NAGAR...	123

* X-Ref 10100010293

* Relationship NIECE

* Name 10100010293

Status ACTIVE

* Country UNITED STATES

Address 10100010293

Address Line 2 10100010293

Zip 1234567

Zip Extn

City CALIFORNIA

State CALIFORNIA

* Years 0

* Months 0

Phone

Extn

* Permission to call

* Permission to Text

Phone

Extn

* Permission to call

* Permission to Text

Comment

Note: Currently, this field is added only for U.I. servicing module.

In the future releases, system will be enhanced in the following areas.

- REFERENCE DETAILS MODIFY non-monetary transaction.
- REFERENCE DETAILS ADD non-monetary transaction.
- Origination → Funding → Contract → References.
- Servicing → Interfaces → Conversion Accounts → References.
- Account On-boarding WS(s) and Application Entry webservice(s).

16.8.3 Seed Data

NA

16.9 Webservices Changes

16.9.1 Overview

Added a new set of web services and enhanced a few sets of web services

16.9.2 Description

New Webservices:

#	Method	Service name	Description
1	POST	/servicing/account/repossession	This service is used to create repossession details
2	PUT	/servicing/account/repossession	This service is used to update repossession details
3	GET	/servicing/account/repossession	This service is used to fetch Repossession details
4	GET	/servicing/callactivity	This service is used to fetch the Call Activity details
5	POST	/origination/application/stipulations	This service is used to create or load Application Stipulation
6	PUT	/origination/application/stipulations	This service is used to update Application Stipulation
7	POST	/servicing/promises	This service is used to post multiple promises

Existing Webservices:

#	Service name	Request Element	Response Elements
1	GET Account Search Webservices	applicationnumber	CompanyCode BranchCode MasterAccountIndicator MasterAccountNumber AccountCurrency ProductCategoryCode AccountAmountFinanced CurrentMaturityDate ContractFinancedAmount
2	GET Transaction Details Webservices	TransactionAmount PaymentAmount Reference	<no changes>

#	Service name	Request Element	Response Elements
3	GET Account Details Webservices	<no changes>	ApprovedCreditLimitAmount HoldCreditLimitAmount SuspendedCreditLimitAmount ConsumedCreditLimitAmount AvailableCreditLimitAmount LastAdvanceAmount LastAdvanceDate ProductCategoryCode

16.9.3 Seed Data

#	Table	Key Data	Type
1	FLS_ACCESS	FLL.REPOSSESSIONRESOURCE.GET.GETREPOSSESSIONDETAILS	INSERT
2	FLS_ACCESS	FLL.REPOSSESSIONRESOURCE.POST.POSTREPOSSESSION DETAILS	INSERT
3	FLS_ACCESS	FLL.REPOSSESSIONRESOURCE.PUT.PUTREPOSSESSIONDETAILS	INSERT
4	FLS_ACCESS	FLL.STIPULATIONRESOURCE.POST.POSTSTIPULATIONS	INSERT
5	FLS_ACCESS	FLL.STIPULATIONRESOURCE.PUT.UPDATESTIPULATIONS	INSERT
6	FLS_ACCESS	FLL.CALLACTIVITYRESOURCE.GET.GETCALLACTIVITYDETAIL	INSERT
7	FLS_ACCESS	FLL.PROMISESRESOURCE.POST.EXECUTEPROMISES	INSERT

16.10 Unmask SSN in Webservice Response

16.10.1 Overview

Currently, SSN is masked, and system sends the last four digits as part of the response.

After this release, system considers based on this parameter `UIX_HIDE_RESTRICTED_DATA` for the following services.

- GET Account Details Webservices
- GET Application Search Webservices
- Get Application Details Webservices

16.10.2 Description

Using the existing Organization Parameter '`UIX_HIDE_RESTRICTED_DATA`' system decides based on the authenticated User's Organization / Division / Responsibility configuration.

- Parameter Value = Y > Existing Behaviour > sends only the last four digits.
- Parameter Value = N > New Behaviour > send whole SSN.
 - GET Account Details Webservices
 - GET Application Search Webservices
 - Get Application Details Webservices

16.10.3 Seed Data

NA

16.11 Daily Alert Log file

16.11.1 Overview

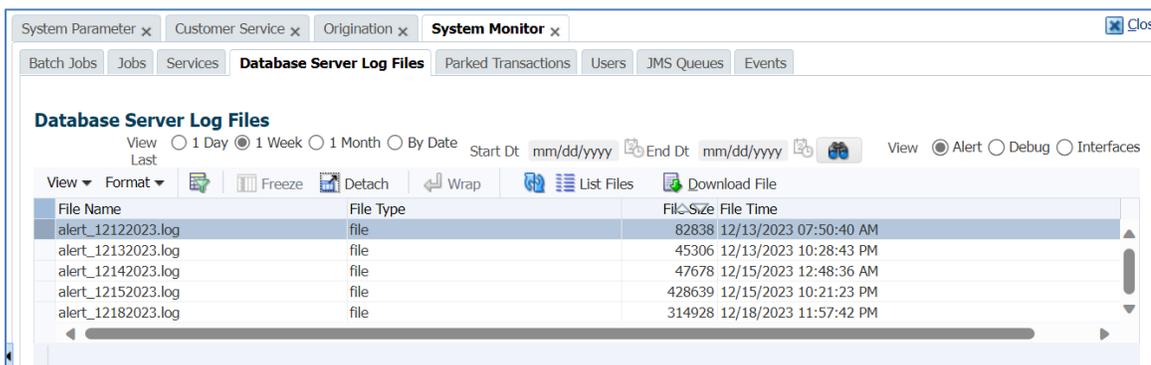
Currently, system writes the 'Alert.log' file in a single file. Over time, the file becomes vast, and users are unable to load it, or the system takes time to download it. Users are expected to back up the file regularly to use it efficiently.

After this change, the system will create a new daily alert file.

16.11.2 Description

As part of this release, the alert log file is split day-wise instead of continuously writing in the same file.

- Existing error messages/exceptions are written into a static file named "alert.log".
- Now, the file name is created with SYSDATE appended to the word "alert" to distinguish day-wise alert log files. This file name changes every day when the **system date** changes.
- **EX:** alert_MMDDYYYY.log >> alert_01152024.log
- When there is no alert log file for the day, system creates with the alert_||SYSDATE.log and write in the same file.
- If an alert log file exists, it will append to the same file and be written in the same file until SYSDATE changes.



The screenshot shows the 'System Monitor' window with the 'Database Server Log Files' tab selected. The interface includes a toolbar with options like 'View', 'Format', 'Freeze', 'Detach', 'Wrap', 'List Files', and 'Download File'. Below the toolbar is a table listing log files with columns for File Name, File Type, File Size, and File Time.

File Name	File Type	File Size	File Time
alert_12122023.log	file	82838	12/13/2023 07:50:40 AM
alert_12132023.log	file	45306	12/13/2023 10:28:43 PM
alert_12142023.log	file	47678	12/15/2023 12:48:36 AM
alert_12152023.log	file	428639	12/15/2023 10:21:23 PM
alert_12182023.log	file	314928	12/18/2023 11:57:42 PM

Note: There is no configuration supported this. This change will be effective after this patch deployment.

- Also, added a time stamp to each alert log section to find when the exception occurred during the day.

```
File Content
View Format Freeze Detach Wrap Beginning End # of Lines 50 Show File
Text
Context : Error in : uixsyp_el_100_01.get_syp_parameter_value for the parameter: TXN_CHATBOT_ENABLED_IND
Context : You have previous open logins.
12/12/2023 13:17:19 SessionID=1544640 AppUser=RBOINA OSUser=orafmw
OFSLL Error Msg :
Ora Error Code : 100
Ora Error Msg : ORA-01403: no data found
Context : Error in : uixsyp_el_100_01.get_syp_parameter_value for the parameter: TXN_CHATBOT_ENABLED_IND
12/12/2023 13:33:48 SessionID=1544711 AppUser=RBOINA OSUser=orafmw
OFSLL Error Msg :
Ora Error Code : 100
Ora Error Msg : ORA-01403: no data found
Context : Error in : uixsyp_el_100_01.get_syp_parameter_value for the parameter: LOGOUT_URL
Context : You have previous open logins.
12/12/2023 13:33:54 SessionID=1544711 AppUser=RBOINA OSUser=orafmw
OFSLL Error Msg :
Ora Error Code : 100
Ora Error Msg : ORA-01403: no data found
Context : Error in : uixsyp_el_100_01.get_syp_parameter_value for the parameter: TXN_CHATBOT_ENABLED_IND
12/12/2023 13:35:08 SessionID=1544711 AppUser=RBOINA OSUser=orafmw
OFSLL Error Msg : Number Generation : System sequence is mandatory (SYS-SYS-SYS-NGN-000272)
Ora Error Code : N/A
Ora Error Msg : N/A
```

16.11.3 Seed Data

NA

16.12 Seed Data changes for Impacted Bugs

NA

16.13 Patches and Bugs

Bug Id	Bug Description	Fix Description
35919050	SR:3-34555701511 In Customer Service > Account Details > Account Information screen, it is noticed that the field "Total Grandfather Points" displays the value by aggregating the consolidated asset value which is wrong.	Fix has been provided by modifying the code to exclude the Master Account Grandfather points during Grand Father Point consolidation for Vacation Ownership.
35926120	SR:3-34601133271 When an application is Rejected manually, system does not allow to upload or add the Bureau Reason codes received from Credit Bureau under Decision > Stipulations.	The reason codes are uploading properly when application is rejecting automatically, but the same is not happening when application is rejecting manually. That is because the code uploading logic is not present in the system for manual rejections and the same has been added now to populate the Adverse Action reason code for manual application rejection process.
35950546	SR:3-34692641881 It is noticed that the Account Revenue Recognition Monthly/Quarterly Indicator (ACC_REVREC_MTHLY_QUALIFIER_IND) is missing in TXN_ACC_EVW column 48 which is to be declared as per process.	Fix has been provided with code changes in txn_evw.sql and tam.evw file by adding ACC_REVREC_MTHLY_QUALIFIER_IND Column in TXN_ACC_EVW and TAM_ACC_EVW (impacted field).
35991064	SR:3-34551798771 The FCBC batch job processing for Cycle Based Collection Fee has invalids in UAT environment after upgrading to patch set 13.	Fix has been provided with alt_tb_fcabc.sql script which has 'Alter statement' for all the Data Fix related tables to refer the ACCOUNTS table. This ensures that the Data Fix tables have same structure as that of ACCOUNTS table. For information on Data Fix scripts and execution sequence, refer to related Data Fix document.
35993918	SR:3-34816608211 Currently the column data size for BIRTHPLACE parameter in Simple Application Entry webservice allows only 30 characters to be sent in API. However, the table length for the column is 160.	Fix has been provided such that the Birthplace column data size is changed to 160 to the actual table length in ApplicantDataType from Simple Application Entry webservice.

Bug Id	Bug Description	Fix Description
36049258	<p>SR: 3-34999997114</p> <p>System does not assess the Cycle Based Collection Fees regularly on MONTHLY basis and is happening BI-MONTHLY.</p>	<p>Since Dues of Paid off/ Charged Off Accounts were not considered in FCBC recalculation, code change are provided to address FCBC recalculation on Master with Paid Off/Charged Off Associates if back dated transaction is posted on Master prior to Paid Off/ Charged Off date.</p> <p>Also Data fix is provided to correct the issue for accounts affected by incorrect assessment of FCBC fees. The FCBC fee that was not being accessed monthly, will now be accessed monthly from the conversion date, or start date of account.</p> <p>For information on Data Fix scripts and execution sequence, refer to related Data Fix document.</p>
35813871	<p>SR:3-34274073271</p> <p>After setting-up Credit bureau, Scoring parameter - CUM_FICO_SCORE, PRO_GROUP_CD and using the scoring parameter in Scoring model, invoking Application Entry webservice call for Credit Bureau setup, it is observed that system is not calculating PRO_GROUP_CD scoring parameter value and just displaying value null and score as 0.</p>	<p>Since the seed data already exist for "PRO_GROUP_CD" under Scoring parameters in User Defined Table and scoring model setup shows the support of Character also, added the producer scoring parameter in AUDCSR_EL_100_01, AUDCSR_EN_100_02 and aud_evw to resolve the issue.</p>
36043151	<p>SR:3-34965801341</p> <p>Account Migration issue > On providing valid data in APT_PHONE field in customer migration file api_cusprim_111.dat, the data does not migrate to itables (IAPPLICANT_TELECOMS) or to the servicing table (TELECOMS).</p>	<p>Fix has been provided by adding logic to populate telecom tab if APT_MOBILE_NUMBER, APT_FAX_NUMBER and APT_PAGER_NUMBER IS NULL and APT_PHONE IS NOT NULL.</p> <p>So system populates the telecom details as provided during migration of application/applicant.</p>
35951442	<p>SR:3-34690330611</p> <p>During the account on-boarding process, it is noticed that some of the customer specific information got copied from one account to the other customer accounts resulting in mismatch of Customer Telecom Information.</p>	<p>Fix has been provided with code changes such that system inserts only if the data is exist from the request xml during account on-boarding process.</p>

Bug Id	Bug Description	Fix Description
35970963	<p>SR:3-34733694861</p> <p>Simple Application Entry webservice > During account conversion, in Customer Servicing the fields "Nationality" and "National Id" if migrated as NULL system displays an error "cannot insert NULL into ("MATTST"....)" in alert log and JSON shows response "Unable To process Request". However, these are not mandatory fields.</p>	<p>The issue was because during Account conversion the default value "0" is assigned for "DEDUPE_RESULT_DETAILS"."DRD_APL_NATIONAL_ID" same is not assigned in Simple Application Entry webservice call. The same has been fixed to resolve the issue.</p>
35988729	<p>SR:3-34792179061</p> <p>The Securitization Pool code for Line accounts in the statement file is expected to be listed as "UNDEFINED", but apparently is set to "PIPE". This caused the statements to get rejected for mailing since there is no address mapped to that pool code.</p>	<p>Fix has been provided with code changes to set the default values to UNDEFINED instead of PIPE.</p> <p>Also Data fix script is provided for updating pool code value as UNDEFINED for all LINE accounts where pool code value is PIPE.</p> <p>For information on Data Fix scripts and execution sequence, refer to related Data Fix document.</p>
35149909	<p>SR:3-32327534151</p> <p>Points Issue at Master account – There are many accounts in Production environment that have discrepancies between the Points and Billing Points after an associated account is either Rescinded or Cancelled.</p>	<p>For account status as TRADED, points consolidation is not considered. Fix has been provided by resetting Local Variable and Global Variable to avoid points consolidation Mismatch.</p> <p>So when an associated account is Rescinded or Cancelled both Points and Billing Points are updated to subtract the total of those points. If all accounts are cancelled including the Master, the Master account reflects zero for both the Points and Billing Points fields.</p>
35735862	<p>SR:3-34044839301</p> <p>For account where the Billing cycle is Weekly, Pre bill days is 7 and First Payment Date = Contract Date, Billing is not completed & Next Due Date is not set.</p>	<p>When the Contract Date is same as First Payment date for Loan accounts with prebill days as 7, Special handling is done for weekly bill cycle to allow generating two bills on the same day to resolve the issue. Similar fix is provided for bug 33991881</p>
35967874	<p>SR:3-34733712751</p> <p>The BOD batch job JOBBOD_BJ_000_02 for processing PARKED transactions is taking long time creating severe performance degradation.</p>	<p>The issue was because of an event call. Fix has been provided with code changes to resolve the performance issue and is much better after the query refactoring. Tested with multiple monetary transaction with event calls and is working expected.</p>

Bug Id	Bug Description	Fix Description
36050863	<p>SR:3-35001254208</p> <p>There is a mismatch between Account balance dues and Accounts dues in production and data is not in sync for migrated LINE of Credit accounts.</p> <p>Balance mismatch also exist between CTD, YTD, Summary, Due Date History, MEA, outstanding and payoff.</p>	<p>Data fix is provided to correct the issue for accounts affected by balance mismatch and migrated accounts.</p> <p>Note: If condition posting date is MAX_DT (31-DEC-4000), then system will not correct data in data fix.</p> <p>For information on Data Fix scripts and execution sequence, refer to related Data Fix document.</p>
36058290	<p>SR:3-35006663641</p> <p>Issue with STOP ACCRUAL and START ACCRUAL for lease accounts. The Stop accrual was posted with stop billing indicator as YES. After starting the accrual the billing caught up but the Tam entries did not get caught up.</p>	<p>The issue occurred because the TAM run date next had moved ahead.</p> <p>Fix has been provided such that the TAM Batch Job picks-up up only those accounts for processing where the billing stop indicator is No.</p> <ul style="list-style-type: none"> • If the Stop Accrual is posted with Stop Billing as NO there will be no impact on the TAM entries and will run as usual. • If the Stop Accrual is posted with Stop Billing as Yes the TAM entries will not generate for the account.
36027822	<p>SR:3-34931466991</p> <p>Issue with Stop Billing for IBL and amortized lease accounts.</p> <p>Post deployment of latest patch, unable to see the new entry created for, ACCRUAL_STOP-TXN_BILL_STOP_IND though the entry exist in the dat file.</p>	<p>The Issue was a result of an error in the installer since none of the seed data got loaded. Fix has been provided in installer code to load the seed data.</p>
36051615	<p>SR:3-34998445301</p> <p>The batch job TABACC_BJ_100_01 for USD processing is taking long time creating performance issue.</p>	<p>Fix has been provided by including cache of sequences in MSD_SEQNUM and MST_SEQNUM to improve the performance.</p>
35623606	<p>SR:3-33633431681</p> <p>For some of the Master Line Account the MEA is not being processed when there is a payment excess on the Master Account and an outstanding balance on the line dues account. This is causing collection late fees to be billed in error.</p>	<p>Fix has been provided with code changes such that the Excess Payment on Master account is allocated correctly after running Billing and MEA Batch Jobs.</p>

Bug Id	Bug Description	Fix Description
36060614	<p>SR:3-35018746731</p> <p>There is Incorrect and balance mismatch on the Summary and balance screen.</p> <p>Also the Master account dues are not reduced or paid and on the summary screen 'Credit Balance' and 'Net Excess Amt' are not in sync.</p>	<p>Fix has been provided with code changes such that the Excess Payment on Master account is allocated correctly after running Billing and MEA Batch Jobs.</p> <p>Also the Payment Hierarchy types - OUTSTANDING BALANCE RATIO, Due Amount Ratio incl Current Due, Equal, Total Due incl Current Due are as expected and after Dues were generated. MEA distributed accurately.</p>
35712644	<p>SR:3-33969646161</p> <p>For a Master Account which is currently showing as delinquent, the Payment Excess allocation is not happening correctly to the new billed charges.</p>	<p>Fix has been provided with code changes such that the Excess Payment on Master account is allocated correctly after running Billing and MEA Batch Jobs.</p>
36122089 Re-released	<p>SR:3-35210213141</p> <p>The earlier fix provided in PS11 for below SR: 3-32716767221 still has an issue.</p> <p>Failure in Job set SET-EVE due to storage error.</p>	<p>Additional fix is provided by adding more debug logs to identify the issue in the package eveprc_bj_100_02 and also made code changes for fixing the duplicate thread issues by adding missed deletion of global variables.</p>
35396073 Re-released	<p>SR:3-32829433111</p> <p>Following issue reported after fix provided in PS13.</p> <p>Lock box file status is displayed as "Processed_Error" but no "Error Description" column is populated and payment batch created is failing. This is when Control Total Amount is different in Record 9.</p>	<p>Additional fix is provide such that when LOCKBOX file has error because of 'Mismatched Totals' system creates a payment batch and sets the status as 'PAYMENT BATCH CREATED, MISMATCHED TOTALS' instead of 'Processed Error'.</p>
35780011	<p>SR:3-34183218821</p> <p>The Payment History in the METRO II Table/Report is not matching to the information in the Payment History tab since some of the accounts in the Payment History tab shows the rating as 0 while Report/METRO II file shows D.</p> <p>This should ideally report the correct payment rating in the Metro II table or report as displayed/populated in the Payment History screen of the account.</p>	<p>Following changes are done to resolve the issue:</p> <ol style="list-style-type: none"> 1. Code fix is done to bypass K2 segment fields based on the company parameter. 2. Data fix is provided to correct Metro II data for the effected accounts for Aug and Sep months. 3. Corrected the Metro II file generated for effected accounts of Aug month.
36214731	<p>SR:3-35528262211</p> <p>The Batch job set SET-ODD2 is taking longer time (approx. 14 hrs) to process the records creating severe performance issues.</p>	<p>Fix has been provided by indexing the table columns STM_REGEN_DT, STM_MASTER_ACC_REGEN_DT with account ID to resolve the performance issue.</p>

Bug Id	Bug Description	Fix Description
36207762	<p>SR:3-35491535171</p> <p>The Batch Job Set SET-IFP is getting failed even after multiple resubmissions. Additionally few other file processing Batch Job Set also failed.</p>	<p>One of the reason for issue could be due to uploading files multiple times with same file names. Hence fix has been provided to stop file upload multiple times when the file names are same.</p> <p>Also, another fix has been provided to initialize the IPF_ACTION_CD parameter correctly when invoked from QueueApp application and corresponding Java type changes are provided.</p>
36183668	<p>SR:3-35422979321</p> <p>The EOD BIP Batch job/process generated the same file 3 times and all the 3 output files and got processed by the application creating duplicate entries.</p>	<p>Fix has been provided in CMNSER_CL_000_01.PKB package to handle the duplicate transaction posting through Input File Processing. So if the same file is duplicated in INCOMING_PROCESS_FILE table (CLOB Y) the same will be marked as REJECT.</p>

Note: For details of forward ported enhancements and issues/fixes which are addressed in previous version of release and merged to this patch release, refer to '[Annexure – C: Forward Ported Enhancements and Fixes](#)' section.

17. Patch Release 14.12.0.0.15

17.1 Enhancements

Ref No.	Enhancement	Description
NA	NA	NA

17.2 DSR (Data Sanity Reports)

As part of the current patch release, additional data sanity checks have been introduced to pre-validate accounts data before migration and even after migration when new accounts are on-boarded. For more details, refer to the document available in OTN - https://docs.oracle.com/cd/F53373_01/pdf/refdocs/OFSLL_DSR_Handbook.pdf

17.3 Seed Data changes for Impacted Bugs

NA

17.4 Patches and Bugs

Bug Id	Bug Description	Fix Description
35713683	<p>SR:3-33975808701</p> <p>On posting a payment to a paid-off account with a credit balance, system displays an error 'Loan amount should be greater than zero (SYS-SYS-SYS-CLL-000091)'.</p> <p>Due to this issue, user is required to do manual correction by</p> <ol style="list-style-type: none"> 1. Changing Spread to be Principal Only 2. key Waive Interest in order the last payment gets Principal & Interest payment distributions 	<p>Fix has been provided in the package txnprc_el_100_01.pkb by adding a validation to call calculator package only when the Loan Amount is greater than zero.</p>
36296646	<p>SR:3-35753923241</p> <p>While using the enhanced feature - 'Extension - Statement Generation changes' released as part of PS13, it is noticed that after running the SET-ACR job set on the accounts, the Oldest Due Date is not getting updated in Summary and Due Date History.</p>	<p>This issue occurred because of a problem with code merge in unit txnprc_el_100_01.pkb. The same has been corrected and verified.</p> <p>However, note that after applying the fix, SET-ACR must be run to update Oldest Due Date.</p>
36296095	<p>SR:3-35740035611</p> <p>System displays an Ora Error Msg : ORA-06502: PL/SQL: numeric or value error: character to number conversion error when more than 5 characters are added in Lookup screen 'Sort Order' field.</p>	<p>Fix has been provided such that the validation has been restricted in Lookup screen 'Sort Order' field, to accept only 5 digits for sorting.</p>
35859079 Re-released	<p>SR:3-34406063071</p> <p>During Account Migration, for some of the Loan & Line of Credit accounts system displays validation error in XVL_CON_FIRST_PMT_DT_DUE_DAY.</p> <p>Possible reason could be that the field APP_DUE_DAY was early derived from APP_FIRST_PMT_DT but now it is being derived from ACC_DUE_DAY_CUR. This is incorrect as the Due day can change anytime during the life of loan/line so it will not correspond to first payment date.</p>	<p>The APP_DUE_DAY is a derived field in iapplications table. The edit validation in XVL_CON_FIRST_PMT_DT_DUE_DAY checks whether the date part of the first_pmt_dt is same as the due day or not.</p> <p>The fix has been provided with code changes such that the value for app_due_day is always derived from app_first_pmt_dt without any condition checking and also the changes related to edit 'XVL_CON_FIRST_PMT_DT_DUE_DAY' has been reverted.</p>

Bug Id	Bug Description	Fix Description
35976212	<p>SR:3-34768022981</p> <p>System generates 'Post Dated Check' data file with no data in it. Even though no data exist, still empty file is getting generated. Over a period of time, these files accumulate and create space/operational issue. And as a result of this, user are not able to load Outgoing > OPF folder in MFT.</p>	<p>The issue occurred since system generically inserted header table value in data file even if there was no detail record.</p> <p>Fix has been provided by changing the logic so that the entry of a Header table occurs only when there is at least one Detail record entry is available.</p> <p>Also the Batch Job (SET-PDC: PDCPRC_BJ_100_01 POST DATED CHECKS) logic is changed to operate in single thread mode with hard coded value since multi-threaded approach fails resulting in multiple entries into the header table (OUTPUT_FILE_DATA_HEADERS).</p>
35976272	<p>SR:3-34768023002</p> <p>System generates 'Payment Requisition' data file with no data in it. Even though no data exist, still empty file is getting generated. Over a period of time, these files accumulate and create space/operational issue. And as a result of this, user are not able to load Outgoing > OPF folder in MFT.</p>	<p>The issue occurred since system generically inserted header table value in data file even if there was no detail record.</p> <p>Fix has been provided by changing the logic so that the entry of a Header table occurs only when there is at least one Detail record entry is available.</p> <p>Also the Batch Job (SET-ODD2: OPRPRC_BJ_100_01) logic is changed to operate in single thread mode with hard coded value since multi-threaded approach fails resulting in multiple entries into the header table (OUTPUT_FILE_DATA_HEADERS).</p>
35976354	<p>SR:3-34768023032</p> <p>System generates 'Auto Dialer' data file with no data in it. Even though no data exist, still empty file is getting generated. Over a period of time, these files accumulate and create space/operational issue. And as a result of this, user are not able to load Outgoing > OPF folder in MFT.</p>	<p>The issue occurred since system generically inserted header table value in data file even if there was no detail record.</p> <p>Fix has been provided by changing the logic so that the entry of a Header table occurs only when there is at least one Detail record entry is available.</p> <p>Also the Batch Job (SET-ODD2: ODIPRC_BJ_100_01) logic is changed to operate in single thread mode with hard coded value since multi-threaded approach fails resulting in multiple entries into the header table (OUTPUT_FILE_DATA_HEADERS).</p>

Bug Id	Bug Description	Fix Description
36051772	<p>On posting an Account Payment request from web services with the action code as POST, system creates a batch in payment screen and posts the same along with the status of the batch as POSTED. The transaction reflects on the account in Servicing > Batch Transactions screen, Payment Maintenance screen and Transaction History screen.</p> <p>When the same service is called again with action code as REVERSE, the transaction against the account gets reversed however the status of the batch is still POSTED.</p>	<p>The reason for the issue is that the REVERSE payment status update is not handled by the batch job.</p> <p>Same has been fixed with code changes in xbtgmt_em_100_01.pkb so that batch job updates the status as REVERSE after reverse transaction is posted.</p>
36084201	<p>SR:3-35081623421</p> <p>After posting a PAIDOFF Transaction on an account using Bulk Upload and on reversion the transaction, it is observed that the transaction was reversed but Status was not updated back to ACTIVE. As a result, users cannot reverse the PAIDOFF transaction.</p>	<p>Fix has been provided such that after the PAIDOFF transaction is reversed as part of File upload process, the batch job process itself updates the account status from PAIDOFF to ACTIVE.</p>
36147816	<p>SR:3-35316991731</p> <p>When Application is created from UI and moved to next stage and on click of "Process Application" button in Origination, system displays an error 'arsars_en_000_01.insert_adv_reasons'. This however should lead to Rejected screen 'Rejected status' due to application edit.</p> <p>This happened post deployed of previous patch via UI as well App Entry /Simple App WS. Due to this issue, users cannot create application successfully via UI or Web service request.</p>	<p>This issue occurred when the applicant did not have credit score. Expectation is that the application should be rejected even if applicant does not have credit score.</p> <p>Fix has been provided by handling the exception such that even if the applicant doesn't have credit score system will not raise error and reject the application.</p>
36170311	<p>SR:3-35390384281</p> <p>While posting FEE CONSOLIDATION MAINTENANCE (FEE_CONSOLIDATION_MAINT) transaction through Bulk Upload process, system displays an error.</p>	<p>The error occurred since there is a column TXN_VALIDATE_PTC_IND missing in view: ITU_TXN_TEMP_EVW.</p> <p>Same has been added to resolve the issue and post FEE CONSOLIDATION MAINTENANCE successfully.</p>
36196264	<p>SR:3-35472262231</p> <p>Request to release code changes for consulting reports customer enhancements.</p>	<p>Code changes have been deployed and released for CTQ Report-wynocsctq_em_100_02 report.</p>
36214731 Re-released	<p>SR:3-35528262211</p> <p>The Batch job set SET-ODD2 is taking longer time (approx. 14 hrs) to process the records creating severe performance issues.</p>	<p>Fix has been provided by indexing the table columns STM_REGEN_DT, STM_MASTER_ACC_REGEN_DT with account ID to resolve the performance issue.</p>

Bug Id	Bug Description	Fix Description
36216288	<p>SR:3-35420245231</p> <p>Currently, on GL Transaction screen > GL Entries block, system does not display the count of total records from search result.</p> <p>On input of search criteria, system displays the pre-set limit of 100 rows of record when actually there are more records matching the criteria.</p>	<p>Fix has been provided with code changes such that system displays the total count of records available in the table in Servicing - > GL Transactions -> Company -> GL Entries.</p>
36256039	<p>SR:3-35636079731</p> <p>The GET Application Details web service response does not contain 'Address # /Number' field value in Applicant Address section.</p> <p>Due to this, users are not able to get 'Address # /Number' for Applicant Address in response while invoking the service.</p>	<p>The issue has been addressed by adding the missing Address Number record type variable in ApplicationApplicantDetails.java file.</p>
36274343	<p>SR:3-35694333321</p> <p>It is noticed that system is deriving wrong Oldest Due Date for migrated accounts where the account actually has different payment amount for schedules.</p>	<p>This issue occurred due to a missing package while forward porting fixes from older version to current release.</p> <p>The UNIT TXNPRC_EL_100_01.PKB has been corrected to resolve the issue.</p>
36275173	<p>SR:3-35695544851</p> <p>It has been noticed that the Points under the Master account are displaying the total with expired consolidated Points which ideally should exclude the expired consolidated points. Due to this, users are unable to get the exact points at the master account.</p>	<p>Reason for the issue is that the Points consolidation is not happening for expired assets through batch job - ASEPRC_BJ_100_01.</p> <p>Code fix has been provided in cmnase_el_100_01.pkb to update the billing and asset points correctly on Master Account on running the batch job.</p>
36117035	<p>SR:3-35179503461</p> <p>For Existing FCBL functionality, there were some noted issues reported. Is the functionality working as expected and can users use the FEE_CALC_METHOD_CD of 'CBL_PCT_PMT_DUE - PERCENTAGE OF PAYMENT DUE', for the FCBL cycle based fee?</p>	<p>Functionality is working as expected and following are the changes:</p> <p>Changes are done on CBC batch Job (TXNCBC_BJ_100_01) to avoid duplicates for CBL batch (TXNCBL_BJ_100_01) as well if Recalc Txn Ind = "Y".</p> <p>Also multi-threading changes are done on txncbl_bj_100_01, txnlc_bj_100_01 batch jobs to handle corresponding master & associated accounts on the same thread rather than having master & associated spread across different threads.</p>

Bug Id	Bug Description	Fix Description
36145608	<p>SR:3-35292331661</p> <p>System does not allow to post Rescission Transaction on specific loan account and Transaction Posting Failed with error message 'Backdating of Transaction is allowed for date after 08/03/2023 only (SYS-SYS-SYS-TXN-000510) (SYS-SYS-SYS-TNM-002186).</p>	<p>The issues was caused due to the Reschedule Bill Cycle blocking rescission. Same has been fixed with code changes such that on posting an ACC_RESCISION on link accounts, system posts the transaction successfully.</p>
36318793	<p>SR:3-35815143781</p> <p>While posting API transactions, if any of the transaction parameters are either missing or not matching to the lookup configuration, system does not display an error and instead retains it in OPEN state for a long period. These accumulate and create operational issue.</p> <p>Ideally the system should mark these as ERROR for rectification.</p>	<p>Following changes done to resolve this issue:</p> <ol style="list-style-type: none"> 1. When there is a valid error like below, system updates the status as ERROR. <ul style="list-style-type: none"> a. Required parameter not entered b. Invalid value for parameter c. Required Information is not entered for parameter not displayed in transaction 2. Also system inserts the error into BATCH_MODE_TXN_RESULTS table.
36149806	<p>SR:3-35326981261</p> <p>During MEA Batch Job processing, system is posting multiple MASTER_EXCESS_ALLOCATION and MEA_OUT transactions for some accounts. This is specific to cases where there is excess amount left after allocation in the first round resulted in balance (<) less than 1 dollar which the system tried to reallocate.</p>	<p>Since after the MEA allocations if there is < 1 dollar amount in excess, system is generating multiple transactions.</p> <p>So, fix has been provided with change in processing logic of MEA to avoid multiple transactions being posted.</p>

18. Patch Release 14.12.0.0.16

18.1 Enhancements

Ref No.	Enhancement	Description
NA	NA	NA

18.2 Seed Data changes for Impacted Bugs

NA

18.3 Patches and Bugs

Bug Id	Bug Description	Fix Description
36367636	SR:3-35934419911 For migrated accounts, system is deriving the oldest due date value wrongly after daily Batch Job run. This issue occurred after the previous fix related to oldest due date was updated. As a result of this, the account delinquency is affected.	Fix has been provided with code changes in txnprc_el_100_01.pkb to derive oldest due date properly as per the pending payments and dues generated.
36120911	SR:3-35156751331 For month end contract date (specifically on 29-FEB) the system calculated Lease Maturity Date using lease calculator is not correct.	Fix has been provided with code changes in CommonServiceAMImpl.java method of Lease Calculator. This is done by adding a condition to get the last day of maturity Date after calculating the cycle when the month is February and Contract Date is also the last day of February.
36371500	SR:3-35933655171 During Metro II file generation, system displays an error "Error ORA-06533: Subscript beyond count" when the number of processed records exceed the commit frequency which is currently set to 100.	Fix has been provided by removing the debug logging when Exception is thrown. This resolves the issue and generates Metro II file during CBUUTL_BJ_100_03 batch job run.
36278117	SR:3-35600760411 The GL Bulk Process upload using CMN_FILE_PROCESS_TO_LOB currently allows only one file for the day and also the Files Names are Hardcoded.	Fix has been provided in output_file_definitions.dat by including the time stamp in following data files which allows uploading the multiple files on the same day. GL_ATTRIBUTES GL_TRANSLATION GL_TRAN_LINKS GL_TRAN_TYPES

19. Patch Release 14.12.0.0.17

19.1 Enhancements

Ref No.	Enhancement	Description
Enh 35869109	Asset Billing - Change in the Formula Method	The Slab_Formula method is enhanced to support round-down function as part of its formula.
NA	Asset Billing - Points related changes	Two new fields namely *Min Billing Points & *Max Billing Points are introduced to give the option to configure a range of Billing Points that are used as a selection criterion in the Asset Billing Rate Definition.
Enh 34524361	Amount paid in excess consideration while posting the index/margin rate change	When 'Change Payment (CP)' transaction gets posted on to the account via 'Index/Margin Rate change - RESCHEDULE_INDEX', CP transaction will consider the 'Amount Paid Excess'
NA	Securitization File Upload/WS/UI - Metro II impact	System to report as per the Metro II guidelines if the user adds an account to the SOLD POOL
NA	Webservice changes	Added a new element under Insurances for AOB (Sync and Async) as IncludeRebatePayoffIndicator with Default date as 'Y'
NA	Archival Batch Job changes	Two new batch jobs are introduced to archive table data based on system parameter setup.

19.2 Asset Billing – Change in Formula Method

19.2.1 Overview

- Currently, the Asset Billing rate feature / setup supports the option to bill the users for the Assets they consume.
- The Asset billing functionality supports multiple configurable rate setups for transaction amount calculation namely, FLAT_AMT, RATE, FLAT_AMT_RATE, TIERED_RATE & SLAB_FORMULA. From the above methods, the existing Slab_Formula method is enhanced to support round-down function as part of its formula.

19.2.2 Description

- Asset Billing Rate calculations are done based on different calculation methods (Calc Method) defined in the system. All the calculation methods have an intrinsic formula linked to it, to arrive at the transaction amount that is calculated and posted on the account.

- Existing SLAB_FORMULA (Lookup type: ARL_CALC_METHOD_CD, Description: ASSET RATE DETAILS CALC METHOD CODES, **Lookup Code:** SLAB_FORMULA) currently uses the below formula for transaction amount calculation:
Txn amount = [Flat Amt + [{(Actual Points – Base Points)/Slab Points} * {(% Increase/100) * Flat Amt}]]
 The formula changed as:
Txn amount = [Flat Amt + CEILING[{(Billing Points – Base Points)/Slab Points}, 1] * ROUNDDOWN [{(% increase / 100) * Flat Amt}, 2]]

19.2.3 Assumptions

Other **Calculation Methods** will continue to use the existing defined formulas as below:

FLAT_AMT: Txn amount = flat amount
RATE: Txn amount = (Rate * Billing point/base point)
FLAT_AMT_RATE: Txn amount = (Rate * Billing point/base point)+flat amount
TIERED_RATE: Txn amount = (Tiered Rate * Tiered points/base point)

19.2.4 Seed Data

NA

19.3 Asset Billing - Points related changes

19.3.1 Overview

- Points & Billing points make a crucial part of the Asset Billing Rate setup. Points are used for selecting the Asset Billing Rate Definition (parent tab), whereas Billing Points are used for the actual calculation purposes to arrive at the transaction amount to be charged to an asset that is linked to a product of the account (Loan, Line & Lease).
- Two new fields namely *Min Billing Points & *Max Billing Points are introduced to give users the option to configure a range of Billing Points which are used as a selection criterion in the Asset Billing Rate Definition.

19.3.2 Description

- **Existing Fields renamed:** Min Points & Max Points fields are renamed as 'Min Actual Points & Max Actual Points.
- **New Fields introduced:** *Min Billing Points, *Max Billing Points
Default values: *Min Billing Points = 0; *Max Billing Points = 999999999999
Mandatory: YES (cannot be NULL).

The screenshot shows two tables from a software application. The top table is 'Asset Billing Rate Definition' and the bottom table is 'Asset Billing Rate Details'.

Asset Billing Rate Definition Table:

Building	Unit	Week	Room/Unit Type	Usage Type	Resort Identifier	Min Actual Points	Max Actual Points	Min Billing Points	Max Billing Points	Associator Id	Club Indicator	Plus Membership Type	PR	Mac	Signature	Grand Father
TEST_02	1A	FULL-WEEK	FLOOR	FULL	25 RESORTS	0	120000	0	999999999999	10	Y	Y	Y	Y	Y	Y
TEST_02	1A	FULL-WEEK	FLOOR	FULL	25 RESORTS	0	120000	0	999999999999	10	Y	Y	Y	Y	Y	Y
ALL	ALL	ALL	ALL	ALL	ALL	0	10000	0	999999999999	ALL	Y	Y	Y	Y	Y	Y
ALL	ALL	ALL	ALL	ALL	ALL	0	99999999	0	999999999999	ALL	Y	Y	Y	Y	Y	Y
TEST_02	1A	FULL-WEEK	FLOOR	FULL	25 RESORTS	0	120000	0	999999999999	10	Y	Y	Y	Y	Y	Y

Asset Billing Rate Details Table:

Start Date	Transaction	Calc Method	Flat Amt	Rate	Frequency	% of Calc Amt	Min Amt	Max Amt	Base Points	Slab Points	% Increas
01/01/2000	CLUB FEE	FLAT_AMT	22.00	0.0000	MONTHLY	100	22.00	1,000.00	1	0	0.00
08/29/2023	CLUB FEE	RATE	0.00	4.9855	MONTHLY	100	0.00	0.00	1	0	0.00
09/05/2026	MAINTENANCE FEE	SLAB_FORMULA	300.00	0.0000	MONTHLY	100	0.00	0.00	1	0	30.40
09/05/2027	MAINTENANCE FEE	SLAB_FORMULA	500.00	0.0000	MONTHLY	100	0.00	0.00	1	0	31.11
09/05/2023	MAINTENANCE FEE	SLAB_FORMULA	999.00	0.0000	MONTHLY	100	0.00	0.00	1	0	21.12

19.3.3 Change Details

- Since these fields are mandatory, existing entries / records in the Asset Billing Rate Definition table are updated with the default values mentioned above. i.e. these two fields have inserted with the default value in all the existing records in the Asset Billing Rate Definition table.
- An account once billed for a particular month as per the frequency of the account with a particular selection criterion defined in the Asset Billing Rate Definition >> Asset Billing Rate Details is allowed to be subjected to a different Selection Criteria and Rate definition that is applicable to the account if the erstwhile selection criteria and rate definition is disabled. This change is applicable to the next immediate billing cycle post the disabling of the earlier selection criteria and rate definition.
- There are no retrospective changes to the transaction amounts calculated earlier using a particular selection criteria and rate, in case of any reversal and reposting of transactions or back-dated transaction posting happening on the account.
- The reversal and repost of the transaction amounts / billed amount / DDT txn amounts are with the erstwhile values only. The newly formed selection criteria and rate definition comes in to force the first time only in the next subsequent immediate bill and thereon for further bills, until the definition is disabled.

- Each transaction amount / Asset billing record done as per the frequency of the account has an associated Asset billing rate definition ID linked to it in the database which will help us identify the rate that has been applied to arrive at the transaction amount. The corresponding Name / Rate details applied are currently not available anywhere in the UI / front end system. A provision is given in **Customer Service >> Transaction History >> Transactions table**. The same value is printed / displayed against all the Asset billing related.

19.3.4 Impact on Conversion

NA

19.4 Amount Paid in Excess Consideration for a Change Payment Transaction

19.4.1 Overview

- Currently, when a change payment transaction is posted, the system passes the remaining term and outstanding amount (excluding paid ahead amount) to derive the new Payment amount.
- The goal is for the system to consider the amount paid in excess as outstanding, paid ahead of term, and arrive at a new payment amount.

19.4.2 Description

Following changes are made.

19.4.2.1 Provided a new lookup under:

- RATE_CHG_RSC_METHOD_CD as CHANGE PAYMENT CONSIDER AMOUNT PAID EXCESS FOR IBL
- CHG_PMT_ADJ_METHOD_CD as DECREASE - CONSIDER AMOUNT PAID EXCESS FOR IBL

19.4.2.2 Index / Margin Rate Transaction Changes:

- While posting the transaction with RESCHEDULE_INDEX with CHANGE PAYMENT ADJUSTMENT METHOD as DECREASE - CONSIDER AMOUNT PAID EXCESS FOR IBL', the system will consider the excess amount and derive the new payment amount, that means, due to the change in the margin rate, if the new payment amount decreases from the current payment amount. The system will post the change payment transaction.
 - System will consider the Amount Paid Excess and then post the Change Payment Transaction accordingly when,
 - There is a change in the setup → Indexes. + If the user configures the Rate Change Scheduled method as CHANGE PAYMENT CONSIDER AMOUNT PAID EXCESS FOR IBL, then as part of the SET-TPE → TXNRAT_BJ_100_01 batch process, for any other accrual methods, the system should consider them as existing methods and process them.
 - If the user posts Index / Margin Rate Change transaction manually and selects the Change Payment adjustment method as DECREASE - CONSIDER AMOUNT PAID EXCESS FOR IBL
 - If there are any payment reversals or Change Payment reversals, the system will return the previous due amount and Excess payment.
 - Also, post a comment on the account with old and new amounts.
 - System will update the revised 'Amount Paid Excess' in summary after posting the transaction
 - Say before posting the txn, 'Amount Paid Excess' = \$1000, and revised Amount Paid Excess = \$975; however, the system won't post any adjustment transaction for \$25.

19.4.2.3 Loan Calculator Changes

- Introduced a new section called Excess Amount, with the following fields.

- Amount Paid Excess = Integer Filed, default value = 0.00, Editable
 - Current Pmt Amt = Integer Filed, default value = 0.00, Editable
 - Revised Amount Paid Excess = Integer Filed, default value = 0.00, Read only.
 - These fields will be read-only with default values if the user switches to other than 'Calculate Payment. I.e., it will only enabled when the 'Calculate Payment' radio button is selected.
- Process changes:
 - On click on calculate,
 - If 'Amount Paid Excess' is greater than Zero, then 'Current Pmt Amount' should also be greater than zero and vice versa. I.e., either both should have values greater than zero or equal to zero. Otherwise, it shows an error.
 - System will consider the amount paid excess and Current Pmt Amt to derive the 'Revised Amount Paid Excess'.

19.4.3 Limitations

- This change is only Applicable for Loan - Closed Ended + IBL accrual method only.
- Validations on Account Creation via UI, AOB, Conversion was not provided since, other than IBL, system will consider as 'Change Payment.' and proceed.
- This change is only applicable when the Change Payment is posted via Index/Margin rate change transaction. I.e., If user directly post the Change Payment, then it behaves as existing.
- If the account has flexible repayment, user should use existing methods.
- System will not post any adjustment transactions to the Amount Paid Excess value.
- In tools, if system derives the new payment greater than the Current Pmt Amt, then 'Revised Amount Paid Excess' will be shown more than Amount Paid Excess

Example: To Calculate payment amount, use the

- Contract Date =Txn Date
- First Payment date = Due Date from when the customer needs to make payment
- Amount Financed = O/S ADV Balance
- Financed Fee = Interest Accrual

Note: Here, Term = Actual Remaining Term – Paid Ahead Term

Post Dt	Txn Dt	Description	Currency	Amount Details	Balance Amount
07/05/2023	01/01/2021	PAYMENT (Y)	GBP	1,024.39 ADV PD= \$1,017.61 INT PD= \$6...	0.00
07/05/2023	01/01/2021	INTEREST ACCRUAL	GBP	6.78	1,017.61
07/05/2023	12/22/2020	BILL/DUE DATE	GBP	1,024.37 DUE DT 01/01/2021	1,017.61
07/05/2023	12/01/2020	PAYMENT (Y)	GBP	1,024.41 ADV PD= \$1,010.89 INT PD= \$13...	1,017.61
07/05/2023	12/01/2020	INTEREST ACCRUAL	GBP	13.52	2,028.50
07/05/2023	11/21/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 12/01/2020	2,028.50
07/05/2023	11/01/2020	PAYMENT (Y)	GBP	1,024.41 ADV PD= \$1,004.19 INT PD= \$20...	2,028.50
07/05/2023	11/01/2020	INTEREST ACCRUAL	GBP	20.22	3,032.69
07/05/2023	10/22/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 11/01/2020	3,032.69
07/05/2023	10/01/2020	PAYMENT (Y)	GBP	1,024.41 ADV PD= \$997.54 INT PD= \$26.8...	3,032.69
07/05/2023	10/01/2020	INTEREST ACCRUAL	GBP	26.87	4,030.23
07/05/2023	09/21/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 10/01/2020	4,030.23
07/05/2023	09/01/2020	PAYMENT (Y)	GBP	1,024.41 ADV PD= \$860.83 INT PD= \$163...	4,030.23
07/05/2023	09/01/2020	INTEREST ACCRUAL	GBP	160.86	4,891.06
07/05/2023	08/22/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 09/01/2020	4,891.06
07/05/2023	07/22/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 08/01/2020	4,891.06
07/05/2023	06/21/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 07/01/2020	4,891.06
07/05/2023	05/22/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 06/01/2020	4,891.06
07/05/2023	04/21/2020	BILL/DUE DATE	GBP	1,024.41 DUE DT 05/01/2020	4,891.06
07/05/2023	04/03/2020	CHANGE PAYMENT AMOUNT	GBP	0.00 RATE= 8.0000 TERM= 9 PMT AM...	4,891.06
07/05/2023	04/03/2020	INDEX / MARGIN RATE CHANGE	GBP	0.00 INDEX= FL_MARGIN RATE= 3.010...	4,891.06
07/05/2023	04/03/2020	INTEREST ACCRUAL	GBP	2.72	4,891.06
07/05/2023	04/03/2020	PAYMENT (Y)	GBP	5,270.00 ADV PD= \$5,190.98 INT PD= \$84...	4,891.06
07/05/2023	04/01/2020	INTEREST ACCRUAL	GBP	84.02	10,082.04
06/28/2023	03/22/2020	BILL/DUE DATE	GBP	1,055.00 DUE DT 04/01/2020	10,082.04
06/28/2023	03/01/2020	PAYMENT (Y)	GBP	1,055.00 ADV PD= \$962.96 INT PD= \$92.0...	10,082.04
06/28/2023	03/01/2020	INTEREST ACCRUAL	GBP	92.04	11,045.00
06/28/2023	02/20/2020	BILL/DUE DATE	GBP	1,055.00 DUE DT 03/01/2020	11,045.00
06/28/2023	02/01/2020	PAYMENT (Y)	GBP	1,055.00 ADV PD= \$955.00 INT PD= \$100...	11,045.00

Customer Service x Access x **Loan Calculator** x

Loan Calculator

Parameters
 Calculate Payment Calculate Interest Rate Calculate Term Calculate Loan Amount Calculate Blended Rate

Loan Details

* Product Category STANDARD

* Contract Dt 04/03/2020

* First Pmt Dt 09/01/2020

* Loan Term 5

Maturity Dt 01/01/2021

* Amt Financed 4,891.06

* PrePaid Fees 0.00

* Financed Fees 2.72

Loan Amt 4,891.06

* Balloon Pmt Amt 0.00

Payment/Finance Charge

Pmt Amt 1,024.43

Interest Amt 228.34
 Finance Charge 231.09
 Total of Pmts 5,122.15
 Final Pmt Amt 1,024.43
 Principal Balance 4,893.78

Calculator Options

* Billing Cycle MONTHLY

* Balloon Method N PMTS

* Accrual Base Method 30/360

* Time Counting Method ACTUAL DAYS

* Installment Method EQUATED PAYMENTS

* Bill Method LEVEL

Calendar Method GREGORIAN

* Accrual Start Dt Basis EFFECTIVE DATE

* Accrual Start Days 0

Sample Result:

Transaction Batch Information

View Format Freeze Detach Wrap Post Void Export to Excel Add Edit View Audit

Date	Monetary	Transaction	Status	Batch
05/03/2024	Y	ADJUSTMENT TO LATE CHARGE - ADD	POSTED	N
05/03/2024	Y	INDEX / MARGIN RATE CHANGE	POSTED	N
05/03/2024	Y	INDEX / MARGIN RATE CHANGE	OPEN	N
05/03/2024	N	CUSTOMER NAME MAINTENANCE	ERROR	N

Count: 4

Parameters

View Format Freeze Detach Wrap

Parameter	Value	Required
TXN DATE	03/10/2019	Y
INDEX	FLAT RATE	Y
MARGIN RATE	2	Y
REASON		N
TXNS ADJUSTMENT TYPE	ACTUAL	Y
CHANGE PAYMENT ADJUSTMENT METHOD	DECREASE - CONSIDER AMOUNT PAID EXCESS FOR IBL	Y

Result

View Format Freeze Detach Wrap

Transaction Processing Details

```

INDEX TYPE = FL
MARGIN RATE = 2.0000
OLD EXCESS AMOUNT = EUR 10,530.56
NEW EXCESS AMOUNT = EUR 7,631.00
NEW PAYMENT AMOUNT = EUR 1,907.75
***** Transaction Posting Successful *****
    
```

Sample Comment due to reverse and repost:

Comments

Return

View Format Freeze Detach Wrap

Alert	Type	Sub Type	Comment	Comment By	Comment Dt
---	SYSTEM GENERATED	SYSTEM GENERATED	RATE CHANGE TXN IS POSTED FOR INDEX TYPE: PR, MARGIN RATE: 1, OLD EXCESS AMOUNT: 5250.62, NEW EXCESS AMOUNT: 4161.72, NEW PAYMENT AMOUNT: 2080.86 ON 04/01/2019	INTERNAL	05/09/2024 02:19:19 AM
---	SYSTEM GENERATED	SYSTEM GENERATED	RATE CHANGE TXN IS POSTED FOR INDEX TYPE: PR, MARGIN RATE: 1, OLD EXCESS AMOUNT: 5250.62, NEW EXCESS AMOUNT: 4161.72, NEW PAYMENT AMOUNT: 2080.86 ON 04/01/2019	INTERNAL	05/09/2024 02:04:16 AM

19.4.4 Seed Data

#	Table	Key Data	Type
1	LOOKUPS	RATE_CHG_RSC_METHOD_CD PMT_CHANGE_CONSIDER_EXCESS	INSERT
2	LOOKUPS	CHG_PMT_ADJ_METHOD_CD DECR_CONSIDER_EXCESS	INSERT

19.5 Securitization File Upload/WS/UI - Metro II Impact

19.5.1 Overview

Currently, if the user SOLD the pool after adding the accounts, then system reports it fine; however, if the account as added to a SOLD pool, then the system not report as per the guidelines

19.5.2 Description

If the Pool is sold and the account is added to the Pool via file upload/WS/UI, the system will back up the pool_account_status_history table to report K2 segment information.

- Post that, when we report the account information to Metro II, including the K2 segment, the system now report that frozen information.
- Check section [15.4 Metro II N1 Segment Reporting Changes](#) for more details about the reporting guidelines.

19.5.3 Seed Data

NA

19.6 Archival Batch Job changes

Currently, the existing batch job archives table data based on parent table and its associated tables as per the common system parameter (PTX_ARCHIVE_DAYS and PTX_OARCHIVE_DAYS). This does not give flexibility to archive only the required table data.

To facilitate this, following two batch jobs are introduced to archive the data in Source table to Target tables based on the associated system parameter configuration.

- PTXARC_BJ_100_11 – to archive data from base table to 'O' table
- PTXARC_BJ_100_12 – to archive data from 'O' table to 'OO' table

The below table indicates how the archive process is handled by the system:

Batch Job: PTXARC_BJ_100_11

System Parameter	Driven Logic	Source Table	Target Table
PTX_INACTIVE_TXN_ARCHIVE_DAYS	This process archives table data when the txn_post_dt less than batch job process dt - number of archive days configured in system parameter and inactive transactions (txn_primary_ind = NO)	TXNS	OTXNS
		TXN_GROUPS_TEMP	OTXN_GROUPS_TEMP
		TXNS_AUTHORIZATION_HISTORY	OTXNS_AUTHORIZATION_HISTORY
PTX_TXN_TMP_ARCHIVE_DAYS	This process archives table data when the txn_post_dt less than batch job process dt - number of archive days configured in system parameter	TXNS_TEMP	OTXNS_TEMP
PTX_PMT_TMP_ARCHIVE_DAYS	This process archives table data when the pmt_dt less than batch job process dt - number of archive days configured in system parameter	PAYMENTS_TEMP	OPAYMENTS_TEMP

Batch Job: PTXARC_BJ_100_12

System Parameter	Driven Logic	Source Table	Target Table
PTX_INACTIVE_TXN_OARCHIVE_DAYS	This process archives table data when the txn_post_dt less than batch job process dt - number of archive days configured in system parameter and inactive transactions (txn_primary_ind = NO)	OTXNS	OOTXNS
		OTXN_GROUPS_TEMP	OOTXN_GROUPS_TEMP
		OTXNS_AUTHORIZATION_HISTORY	OOTXNS_AUTHORIZATION_HISTORY
PTX_TXN_TMP_OARCHIVE_DAYS	This process archives table data when the txn_post_dt less than batch job process dt - number of archive days configured in system parameter	OTXNS_TEMP	OOTXNS_TEMP

System Parameter	Driven Logic	Source Table	Target Table
PTX_PMT_TMP_OARCHIVE_DAYS	This process archives table data when the pmt_dt less than batch job process dt - number of archive days configured in system parameter	OPMT_TMP	OOPMT_TMP

19.7 Seed Data changes for Impacted Bugs

Bug 36490342

S.No	Table	Key Data	Type
1	FLEX_TABLE_ATTRIBUTES	SET_SYP_COMPANY PTX_INACTIVE_TXN_LAST_PURGE_DT 999 LAST PURGE DATE OF INACTIVE TXN IN MM/DD/YYYY FORMAT (UPDATED BY BATCH JOB IF ENABLED) DATE = 01/01/1800 10 UNDEFINED UNDEFINED N Y N	INSERT
2	FLEX_TABLE_ATTRIBUTES	SET_SYP_COMPANY PTX_TXN_TMP_LAST_PURGE_DT 999 LAST PURGE DATE OF TXN TEMP IN MM/DD/YYYY FORMAT (UPDATED BY BATCH JOB IF ENABLED) DATE = 01/01/1800 10 UNDEFINED UNDEFINED N Y N	INSERT
3	FLEX_TABLE_ATTRIBUTES	SET_SYP_COMPANY PTX_PMT_TMP_LAST_PURGE_DT 999 LAST PURGE DATE OF PMT TEMP IN MM/DD/YYYY FORMAT (UPDATED BY BATCH JOB IF ENABLED) DATE = 01/01/1800 10 UNDEFINED UNDEFINED N Y N	INSERT
4	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PTX_INACTIVE_TXN_ARCHIVE_DAYS 999 INACTIVE TXNS ARCHIVAL DAYS NUMBER <= 60 30 UNDEFINED UNDEFINED N Y N	INSERT
5	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PTX_PMT_TMP_ARCHIVE_DAYS 999 PMT ARCHIVAL DAYS NUMBER <= 60 30 UNDEFINED UNDEFINED N Y N	INSERT
6	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PTX_TXN_TMP_ARCHIVE_DAYS 999 TXNS TEMP ARCHIVAL DAYS NUMBER <= 60 30 UNDEFINED UNDEFINED N Y N	INSERT
7	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PTX_INACTIVE_TXN_OARCHIVE_DAYS 999 INACTIVE TXNS OARCHIVAL DAYS NUMBER <= 60 30 UNDEFINED UNDEFINED N Y N	INSERT
8	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PTX_PMT_TMP_OARCHIVE_DAYS 999 PMT OARCHIVAL DAYS NUMBER <= 60 30 UNDEFINED UNDEFINED N Y N	INSERT
9	FLEX_TABLE_ATTRIBUTES	SET_SYP_SYSTEM PTX_TXN_TMP_OARCHIVE_DAYS 999 TXNS TEMP OARCHIVAL DAYS NUMBER <= 60 30 UNDEFINED UNDEFINED N Y N	INSERT

S.No	Table	Key Data	Type
10	SYSTEM_PARAMETERS	PTX_INACTIVE_TXN_LAST_PURGE_DT SET_SYP_COMPAN Y ALL ALL ALL ALL ALL ALL ALL 01/01/1800 N	INSERT
11	SYSTEM_PARAMETERS	PTX_PMT_TMP_LAST_PURGE_DT SET_SYP_COMPANY AL L ALL ALL ALL ALL ALL ALL 01/01/1800 N	INSERT
12	SYSTEM_PARAMETERS	PTX_TXN_TMP_LAST_PURGE_DT SET_SYP_COMPANY AL L ALL ALL ALL ALL ALL ALL 01/01/1800 N	INSERT
13	SYSTEM_PARAMETERS	PTX_INACTIVE_TXN_ARCHIVE_DAYS SET_SYP_SYSTEM A LL ALL ALL ALL ALL ALL ALL 999 N	INSERT
14	SYSTEM_PARAMETERS	PTX_INACTIVE_TXN_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL 999 N	INSERT
15	SYSTEM_PARAMETERS	PTX_PMT_TMP_ARCHIVE_DAYS SET_SYP_SYSTEM ALL AL L ALL ALL ALL ALL ALL 999 N	INSERT
16	SYSTEM_PARAMETERS	PTX_PMT_TMP_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL 999 N	INSERT
17	SYSTEM_PARAMETERS	PTX_TXN_TMP_ARCHIVE_DAYS SET_SYP_SYSTEM ALL AL L ALL ALL ALL ALL ALL 999 N	INSERT
18	SYSTEM_PARAMETERS	PTX_TXN_TMP_OARCHIVE_DAYS SET_SYP_SYSTEM ALL ALL ALL ALL ALL ALL ALL 999 N	INSERT
19	JOBS	ALL SET-PUR PTXARC_BJ_100_11 151 PROCEDURE NEW ARCHIVE TXNS DATA TO OTABLES N ROOT ALWAYS Y Y 0 1 50 100 NONE COMPLET ED PTXARC_BJ_100_11.PTXARC_BJ_100_11	INSERT
20	JOBS	ALL SET-PUR PTXARC_BJ_100_12 152 PROCEDURE NEW ARCHIVE TXNS DATA TO OOTABLES N ROOT ALWAYS Y Y 0 1 50 100 NONE COMPLE TED PTXARC_BJ_100_12.PTXARC_BJ_100_12	INSERT
21	JOB_THREADS	ALL SET-PUR PTXARC_BJ_100_11 1 Y IDLE 0 100 0 0 0 0	INSERT
22	JOB_THREADS	ALL SET-PUR PTXARC_BJ_100_12 1 Y IDLE 0 100 0 0 0 0	INSERT

19.8 Patches and Bugs

Bug Id	Bug Description	Fix Description
36000679	<p>SR: 3-34828662031</p> <p>After account conversion, there is a balance mismatch in the account balance displayed in Conversion Screen > Account Details > Balances Sub tab against the balance in API_ACCOUNT_BALANCES table. Same issue is observed in IACCOUNTS.ACC_OUTSTANDING_TOTAL_AMT. Ideally system should show the current correct balance total by adding up the ABL BAL OPEN CTD amount present in the conversions table.</p>	<p>The issue was caused since system derived the Product and Funding Type value (i.e. ABL_AAD_ID) from IACCOUNT_BALANCES table which was wrongly equated with ACCOUNTS table. This has to be equated from IAPPLICATIONS table. Changes have been made accordingly by modifying the required views.</p>
36233742	<p>SR:3-35571218661</p> <p>One of the external interfaced system is getting an error as 'SocketTimeoutException' when attempting to connect to OFSLL and due to this the payments are failing.</p>	<p>This issue caused due to some blocking sessions at the Database layer. If Timeout error came during Payment Entry, then system is posting duplicate records in Payment table resulting in duplicate payment in accounts.</p> <p>Fix has been provided with changes in WebLogic layer and for duplicate records, added validations in customer-based payment and Payment Web Service.</p>
36252042	<p>SR:3-35625476771</p> <p>There is an issues noticed in loan calculator since while calculating the Change Payment amount, system derives a wrong amount for Reschedule Index and Change Payment than the expected value.</p>	<p>Fix has been provided by adding the mapping to store Additional Interest in calculator to resolve the issue.</p>
36312376	<p>SR:3-35781747921</p> <p>The EOD processing is taking long to complete and is exceeding stipulated time causing performance impact to proceed with other downstream activities.</p>	<p>Following batch jobs are fine-tuned to bring down overall EOD time and improve performance:</p> <p>TABACC_BJ_100_01, CBUUTL_BJ_100_02, GLDPRC_BJ_100_01</p>
36362084	<p>SR:3-35292331661</p> <p>System displays an error and does not allow to post RESCISSION transaction for an account.</p>	<p>Fix has been provided with code changes to post the RESCISSION transaction without error.</p>

Bug Id	Bug Description	Fix Description
36371959	<p>SR:3-35972635762</p> <p>The Batch Job set SET-ACR is taking longer time for processing causing performance issues.</p>	<p>In SET-ACR batch job set, there are two batch jobs of TABACC as mentioned below:</p> <p>TABACC_BJ_100_02</p> <p>TABACC_BJ_100_01</p> <p>Fix has been provided in the same such that it should check and exclude the redundant processing if there is no change from the previous day. This also helps to improve performance of SET-ACR job set.</p>
36402544	<p>SR:3-35905993631</p> <p>During Account OnBoarding, after posting the RESCISSION ACCOUNT Transaction for line accounts, system displays a warning message as APPLICATION IS MISSING. This ideally should not appear for line accounts created through Payload.</p>	<p>Fix has been provided with code changes to not to show the warning message in UI and Logs.</p>
36404448	<p>SR:3-36088861521</p> <p>While processing Simple Application Entry Webservice request, it is noticed that even if 'Current Indicator' value is not provided in 'Telecom' block, system does not throw validation that "Current Indicator" is mandatory and creates application with Indicator value displayed in UI as "YES" rather than "Y".</p> <p>Ideally, system should validate that "Current Indicator" is mandatory and should not create application.</p>	<p>As the current Indicator from Telecom block at Simple Application Webservice is not mandatory field. If provided system takes the same value, else system takes the default value Y if Current Indicator value is not provided.</p>
36410274	<p>SR:3-36099114661</p> <p>For Accounts with Quarterly Billing Frequency, the validation XVL_CON_MAT_DT_FIRST_PMT_DT is failing because it does not take care of payment frequency.</p>	<p>Fix has been provided with code changes in such that the validation check is done correctly and no errors are reported during conversion.</p>
36428517	<p>SR:3-36167159771</p> <p>In Customer Service > Customer Information screen, the fields "License #" and "License State" cannot be processed during account migration process.</p>	<p>Fix has been provided such that the fields "License #" and "License State" which correspond to fields APL_DRIVING_LICENSE_NBR, APL_DRIVING_LICENSE_STATE_CD in the applicants table are included in the file definition for api_cusprim_111.dat migration file so that customers can send the license number and state in these fields during account migration process.</p>

Bug Id	Bug Description	Fix Description
36428860	<p>SR: 3-36167264631</p> <p>When multiple Lockbox payment files are placed for processing, the SET-LBT process failed displaying error for few files. However, even the correct files were not processed. System is aborting the batch and not processing even correct files and retaining old status "Uploaded" and failing every time.</p> <p>Ideally, those files that have error, should be marked as "Processed Error" and correct files should be picked up and marked as "Processed".</p>	<p>The batch job was aborted since the uploaded length of the file name is greater than 80 characters. Fix has been provided by increasing the length of the field to 240 characters.</p>
36429949	<p>SR: 3-36177273921</p> <p>System is posting duplicate transactions resulting in Double Charging DSC (Dues Service Charge) on accounts. This is caused by a Poller issue since multiple poller threads are picking the same outbound message records resulting in duplicate submission.</p>	<p>Poller shutdown was not happening properly resulting in not killing the poller thread during shutdown / redeploying / undeploying.</p> <p>Below are the issue fix description and improvements done on Poller.</p> <ul style="list-style-type: none"> • Code changes to fix the shutdown. • Code changes to eliminate Duplicate message even multiple threads run. • Code changes to monitor where the poller is running from table.
36430419	<p>SR:3-36168747941</p> <p>While processing payment transactions from external interfaced system, though the web service response says Unable to Process Request, the Payment Data is captured in OFSLL.</p>	<p>This issue is fixed as part of bug 36233742 above wherein all the processes gets rolled back if there is any error while submitting the request.</p> <p>If Timeout error came during Payment Entry, then system is posting duplicate payment in accounts. Fix has been provided to rectify the same.</p>
36436915	<p>SR:3-36195988102</p> <p>The Application Monitoring Team of external interfaced system for Payment processing noticed slowness in OFSLL causing an interruption with Real Time (RT) Payment Notifications. Requests are taking more than 15000 ms for each to complete. This is causing payments to get stuck and need to manually process these payments.</p>	<p>Fix has been provided with following:</p> <p>The duplicate payment validation query has been modified to check the duplicate payments.</p>

Bug Id	Bug Description	Fix Description
36443011	<p>SR:3-36227089171</p> <p>Payments posted from external system is attempted multiple times for an account before it gets a final successful confirmation from OFSLL. But in OFSLL, all the attempts are processed after batch completion resulting in duplicate payment transactions.</p> <p>However, OFSLL needs to reject the duplicates if PMT_REFERNCCE number and the amount is same for the given date.</p>	This issue is fixed as part of bug 36233742.
36448342	<p>SR:3-36236339231</p> <p>System does not trigger to configured event 'EVENT TO PROCESS ACTIONS WHEN ACCOUNT DATA IS UPDATED' when an Account status is moved from "Pending" to "Void" by posting ACC_RESCISSION transaction.</p>	Fix has been provided such that when ACC_RESCISSION transaction is posted for Pending Account, system triggers an account update event once the Account status is marked as Void.
36458538	<p>SR:3-36257198091</p> <p>In Customer Service > Transaction History > Balances screen, when searching for a particular balance type if the queried value is not available, system displays blank screen.</p>	Fix has been provided to display the required balance type value in the UI correctly.
36460318	<p>SR:3-36271602291</p> <p>On posting the non-monetary transaction ADD CUSTOMER ADDRESS PHONE on an account, the details of State in address i.e. ACC_PRIMARY_CUS_STATE_CD and ACC_STATE_CD are not getting updated for all accounts under the same primary customer.</p>	Fix has been provided to update for all accounts based on Primary Address state code provided as part of ADD CUSTOMER ADDRESS PHONE non-monetary transaction.
36462591	<p>SR:3-36269364791</p> <p>System does not fetch the unmasked SSN even for SUPERUSER when retrieved via Application Details and Account Details webservice response.</p> <p>Ideally as per Organization Parameter users with Responsibility as SUPERUSER should see un-masked SSN.</p>	Fix has been provided with code changes such that the Application Details and Account Details webservice successfully fetches unmasked SSN number in ApplicantData and CustomerDetails respectively as per organisation Parameter configuration.
36466022	<p>SR:3-36282018461</p> <p>The Event job request is getting a fatal error and shutting down event scheduler abruptly. Request to check the error code and provide solution.</p>	Fix has been provided with code changes in the scheduler to process the valid records without stopping the services and handling the exceptions (if any).

Bug Id	Bug Description	Fix Description
36477517	SR:3-36270368831 Payment History Profile (PHP) in metro II is being updated to an incorrect code for both reopened and closed accounts.	This issue was caused since new payment rating is calculated when reversing PAID OFF transaction after one month on closed accounts. This should ideally use same payment rating when reversing PAID OFF on closed account. Fix has been provided with code changes to freeze Payment History Profile on PAID accounts.
36480653	SR:3-36270368852 System updates the Payment History Rating for Matured Account even if the account has 'STOPCB' 'Stop Credit Bureau Reporting' condition for that particular month.	The issue was caused because the accrual batch job is updating the Payment History Rating for the account with 'STOPCB' condition which ideally should restrict the payment rating for the account with STOPCB condition. Fix has been provided such that the Payment history rating is restricted for the accounts having STOPCB condition.
36486537	SR:3-36326775771 On posting Add Customer transaction, the SSN number and ACH account number are not masked in the transaction parameter section in Customer Service > Maintenance screen. This ideally should be masked as per Data Protection policy.	Fix has been provided with code changes such that the after posting transactions successfully, the SSN number and ACH account number are masked in the transaction parameter section.
36490342	SR:3-36331484221 It is noticed that the 1098 report is missing the critical data element (Opening Loan Balance) as this is a required item as per IRS. 1098 specification.	Fix has been provided in GIRPRC_BJ_100_01 batch job such that after running the job and SET-ODD3, the 1098 report has the balance amount coming as opening balance for that year.
36500966	SR:3-36395097651 The Output Data Dump ODD2 batch jobs are taking longer time than normal which is delaying the overall EOD completion process.	Fix has been provided with new indexes to improve the processing time.
36508112	SR:3-36403599591 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. Note: This issue is in continuation of Bug 35007881.	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.

Bug Id	Bug Description	Fix Description
36518270	<p>SR:3-36454504461</p> <p>In the Account Information screen, on posting Change of Term transaction to extend maturity, the updated term does not match correctly as per transaction history tab.</p>	<p>Fix has been provided by adding the required attributes in the respective screens to show the updated term correctly.</p> <p>However, note that the Extension Term and Total Term will be shown when <code>AccExtnTermLife > 0</code>.</p>
36526516	<p>SR: 3-36480301731</p> <p>When accounts are being created from external system through Account OnBoarding payload, it is noticed that some of the accounts are still created even if the associated transaction to create the account has failed.</p> <p>Ideally in such cases where transaction has failed, account creation request should not happen since it causes gap in the business process.</p>	<p>Fix has been provided such that if service returns with any transaction failure error, system will not create any account and rollback the transaction.</p>
36539889	<p>SR:3-36515100151</p> <p>The Batch Job set SET-ACR is taking longer time for processing causing performance issues.</p>	<p>Fix has been provided as part of bug 36371959.</p>
35392469 Re-released	<p>SR:3-33069432249</p> <p>During Account migration, for a few accounts it is observed that system did not increment <code>acc_term_pd</code> and those Accounts are showing less paid term compared to all the payments.</p>	<p>Fix has been provided with data fix script to correct the <code>acc_term_pd</code> such that system migrates the account Paid Term Data correctly to the accounts table and the same will be shown in the customer service tab and also payment posted will be equal to the paid balances.</p> <p>Additional fix provided by modifying changes to the Line code for <code>due amt = 0</code> and increment it during the billing itself in a similar way as for Loan and lease products.</p>
36540446	<p>SR: 3-34463253601</p> <p>In specific loan accounts, when payment reversal is done, the Payment Amount and Balance Amount in Account Due Date History is not reversed properly. As a result, the Due Date History is not matching with Summary balance.</p>	<p>Fix has been provided with code such that on reversing payment for loan accounts for amount up to the previous due amount, the Payment Amount and Balance Amount in Account Due Date History is reversed properly.</p>

Bug Id	Bug Description	Fix Description
36540441	SR: 3-34463253601 On posting backdated payment or reversing any transaction on dates which are closer to account migration date, results in balance mismatch in Account Due Buckets.	The issue was caused since the dues prior to migration are not considered and updated in due buckets resulting in balance mismatch. Code changes are made to consider the migration balance and update the account balance due buckets (Dues, Summary and Balances) properly when any backdated payment or backdated reversal transaction is posted closer to conversion date.
36538161	SR:3-36496766681 In the non-monetary transaction 'Disable/Enable Non-Primary Customer' Enable function to enable a customer is not working as expected and displays an error as Error: Invalid Customer Id (SYS-SYS-SYS-TNM-001447).	Fix has been provided to Disable/Enable Non-Primary Customer without any error.
36458155	SR:3-36259884551 Some of the batch jobs failed during processing with error "Unhandled error in Batch job" causing the EOD process to stop.	Exception handling is added in the following Batch Jobs to handle any failures: <ul style="list-style-type: none"> a. ituprc_bj_100_02 b. txnann_bj_100_01 c. txnmdt_bj_100_01 d. txnpmf_bj_100_01 e. txnrat_bj_100_01 f. txntip_bj_100_01 g. txnytd_bj_100_01 h. GLIPRC_BJ_100_02 i. txnddt_BJ_100_01 j. txnmtd_BJ_100_01

20. Patch Release 14.12.0.0.18

20.1 Enhancements

Ref No.	Enhancement	Description
Enhc 35800433, 5814526, 35814526, & 36880803.	New changes are introduced in TRADE feature	Additional changes are introduced in OFSLL Trade/Rollover feature to make it generic and handle broader business use cases.
Bug 35966463	Added Email support to Data Files	Added "Email Address" field in Output Data Files under the RECORD DEFINITIONS.
Bug 6631661	Asset Billing Points related changes – File Upload changes	Two fields namely 'Min Billing Points' and 'Max Billing Points' are introduced in Asset Billing setup screen. These fields are added at the end of file definition for both create and update file formats.
NA	General Ledger Setup screen changes	General Ledger Setup screen is enhanced to allow editing of fields in Segment Definition and Attribute Definition screen.
Bug 36687570	Support of Extension Override transaction for Pre-Compute Accounts	Currently, there is restriction to post Extension Override transaction on pre-compute accounts. Removed restriction to allow posting of transaction.
Bug 36785312	'Export' comments information in Customer Service > Comments section.	'Export' button provided in Customer Service > Comments section to export comments information in excel format.

20.2 Trade/ Rollover Functionality - Enhancements

20.2.1 Overview

Additional changes are introduced for Trade/Rollover feature to make it generic and handle broader business use cases.

20.2.2 Description

- Payoff Quote Function:** Introduced 'Payoff Quote' function in Setup > User Defined Tables > CUP_ACC_FORMULA_PARAM.
 - This function generates number pertaining to payoff quote based on system date.
 - To use this function for Equity transfer, users can configure target as ACC EQUITY AMT and FORMULA as a new function.
- Customer Service > Trade Equity:** Provided the missing Seed data for label change configuration screen. Refer Seed Data section.
- 'Trade Eligible'** flag which currently exists only for 'Home' collateral has been extended to all asset types > Home, Vehicle and Other.

The existing behaviour of the asset status of TRADED account is driven by 'Trade Eligible' flag in Home Collateral tab and now works for Vehicle and Other collateral also.

4. **'Accrued Interest'** Handling:

- Currently when TRADE transaction is posted, system does not negating the 'Accrued Interest' i.e., 'Accrued Interest Minus' not getting posted on account. This may create double accounting, if new account is created.
- To handle accrued interest, a new transaction parameter is added to 'Trade' transaction called 'Post Accrued Interest'.
 - If the transaction parameter is 'N', existing behaviour will continue.
 - If the transaction parameter is 'Y', system does the following actions:
 - Posts 'Accrued Interest' for interest balance
 - Posts 'Interest Adjustment Minus' transaction with 'Outstanding Interest Balance'
Example: Initial Interest Bal = 200\$, Accrued Interest Posted to Interest Bal = 20\$; Step 2 will post adjustment txn for 220\$.

5. 'Trade to Product' Match Restriction:

- Currently TRADE feature has restriction and allows to execute TRADE transaction for same product type i.e., Source and destination account should be Loan.
- Validation has been removed to allow to trade account from Loan to Line and Line to Loan. However, this facility is not supported for Lease product.

6. Handling rollover for 'Pre-Compute; Accounts: User should be able to successfully rollover (Trade) existing Pre-compute account to new Loan account.

- Currently, when source account is traded, system does not give 'Interest Rebate'.
- System is enhanced to post 'Interest Rebate' transaction on pre-compute accounts.
Note: Currently, rebate calculation is supported for interest component only. Insurance rebate is not calculated on the pre compute accounts.

7. **'Asset Status' handling:** When Rescission Transaction is posted on the account, system retains the asset status as 'Active'. Changes are done to update the status of asset to 'Inactive'.

8. 'Trade – Pending Accounts':

- Trade Reversal transaction has challenges if the target account status is 'Pending'.
- Changes are done to handle the Trade Reversal on Pending Accounts as below:
 - If the target account which is in 'Pending' status is voided by posting "Account Rescission" transaction, then Trade gets reversed.
 - If user posts "Trade Reversal" transaction of old traded account then, new account (earlier in pending status) will get voided, and Trade gets reversed.
 - When Trade is reversed, status of collateral on voided account will be 'In Active'.

9. Handling 'Amortized Balances':

- To handle the amortized balances, a carry-forward option from source account to target account is introduced with new 'Amortize Balance Replacement' non-monetary transaction.
Note: This transaction handles only SOD (Sum of Digits) Amortization method.
- On successful posting of transaction, system replaces the 'Amount' that has to be amortized for the selected balance on new account.
- This transaction also reverses the amortized entries (if any) posted for that balance and generate entries from the date of contract based on new balance on account.
- This transaction is not allowed to post on account with 'Pending' status.

- Transaction definition as indicated below:

Txn Code	Description	Group	Action	Monetary	System Defined	Enabled	Txn/Bal Type
	AMORTIZE BALANCE REPLACEMENT	NON MONETARY TRANSACTION	POST	Y	Y	Y	NONE

Parameter Code	Reference	Sort	Displayed	Required
Txn Date		1	Y	Y
Balance Txn	Refer existing lookup > AMORTIZE_TXN_TYPE_CD	2	Y	Y
Amount		3	Y	N
Comments		4	Y	N

20.2.3 Seed Data

S.No	TABLE	KEY DATA	TYPE
1	FIELD_REPOSITORY	UlnAseVehicleVO AseTradeElgibleInd UlnAseVehicleVO.AseTradeElgibleInd UlnAseOtherVO AseTradeElgibleInd UlnAseOtherVO.AseTradeElgibleInd UcsAseOtherVO AseTradeElgibleInd UcsAseOtherVO.AseTradeElgibleInd UcsAseVehicleVO AseTradeElgibleInd UcsAseVehicleVO.AseTradeElgibleInd UcsAccTdtVO AccEquityAmt UcsAccTdtVO.AccEquityAmt UcsAccTdtVO AccEquityInAmt UcsAccTdtVO.AccEquityInAmt UcsAccTdtVO AccEquityOutAmt UcsAccTdtVO.AccEquityOutAmt UcsAccTdtVO AccRevrecEquityAmt UcsAccTdtVO.AccRevrecEquityAmt UcsAccTdtVO AccRevrecTargetEquityAmt UcsAccTdtVO.AccRevrecTargetEquityAmt UcsAccTdtVO AccRevrecQualifierInd UcsAccTdtVO.AccRevrecQualifierInd UcsAccTdtVO AccRevrecMnthlyQualifierInd UcsAccTdtVO.AccRevrecMnthlyQualifierInd UcsAccTdtVO AccRevrecQualifierDt UcsAccTdtVO.AccRevrecQualifierDt UcsAccTdtVO AccRevrecQualifierDtLast UcsAccTdtVO.AccRevrecQualifierDtLast	INSERT
2	TXN_CODES	AMORTIZE_BALANCE_REPLACEMENT	INSERT

S.No	TABLE	KEY DATA	TYPE
3	TXN_CODE_PARAMETERS	AMORTIZE_BALANCE_REPLACEMENT TNM_DT AMORTIZE_BALANCE_REPLACEMENT TNM_AMZ_TXN_TYPE_CD AMORTIZE_BALANCE_REPLACEMENT TNM_AMT AMORTIZE_BALANCE_REPLACEMENT TNM_COMMENT TRADE TXN_TRD_POST_ACCRUED_INT_IND TRADE_FIX TXN_TRD_POST_ACCRUED_INT_IND	INSERT
4	TXN_CODE_PARAMETERS	TRADE TXN_COMMENT TRADE_FIX TXN_COMMENT	UPDATE
5	TXN_CODE_PRODUCTS	AMORTIZE_BALANCE_REPLACEMENT ALL LN CE AMORTIZE_BALANCE_REPLACEMENT ALL LN OE	INSERT
6	FLEX_TABLE_ATTRIBUTES	CUP_ACC_FORMULA_PARAM \$GET_PAYOFF_AMT INP_BMP_TNM TNM_AMZ_TXN_TYPE_CD INP_BMP_TXN TXN_TRD_POST_ACCRUED_INT_IND	INSERT
7	ACCESS_GRID_FUNCTIONS	AMORTIZE_BALANCE_REPLACEMENT ACC_CONDITION_CD ALL 0 AMORTIZE_BALANCE_REPLACEMENT ACC_STATUS_CD ALL 0 AMORTIZE_BALANCE_REPLACEMENT RESPONSIBILITY_CD ALL 0	INSERT

20.3 Email field added to 'Data Files' (Output)

20.3.1 Overview

Output Data Files currently does not have "Email Address" field.

By adding email in the output files to "Primary" customer under RECORD DEFINITIONS section > FILE DETAILS RECORD, it helps customers to send the output files to emails printed in the output file.

20.3.2 Description

Included "Email Address" of Primary customer field / Business Customer in Output Data Files under the RECORD DEFINITIONS section under FILE DETAILS RECORD.

The screenshot shows the 'Data Files' configuration window with three main sections:

- Data File Definitions:** A table with columns: Name, Description, File Name, Directory Path, System Defined Yes/No, and Enabled. It lists three records: %ADVERSE, ADVERSE_ACTION, and ADVERSE_ACTION_CONDITIONAL.
- Record Definitions:** A table with columns: Record Type, Description, Record Format, Delimiter, and Terminator. It lists three records: FILE HEADER RECORD, FILE DETAILS RECORD, and FILE FOOTER RECORD.
- Column Definitions:** A table with columns: Seq, Column Name, Data Type, Format Mask, Length, Data Column, and Output Column. It lists three columns: RECORD TYPE, APPLICATION NUMBER, and APPLICATION DATE.

20.3.3 Change Details

- These letters consider the account type - Individual, SME and Business only to display the details in the output file.
- For Individual and SME, system displays 'Customer block details including Email id'; whereas for 'Business Only' system will display business block information with email id.
- 'Email' added to following output files:
 - ADVERSE_ACTION
 - ADVERSE_ACTION_CONDITIONAL
 - AUTO_DIALER_EXTRACT
 - COL_LETTER_1
 - COL_LETTER_2
 - COL_LETTER_3
 - PAID_IN_FULL
 - PAY_OFF_QUOTE
 - POST_DATED_PAYMENT_LTR
 - PRODUCER_STATEMENT
 - RATE_CHG_LETTER
 - WELCOME

Note: Producer statement refers only to 'Applicant/Customer' data for Individual or SBL types. BUS (Business) type is not supported currently'.

20.3.4 Impact on Conversion

NA

20.3.5 Seed Data

S.No	TABLE	KEY DATA	TYPE
1	OUTPUT_FILE _RECORD_DE TAILS	ADVERSE_ACTION 2 EMAIL ADDRESS ADVERSE_ACTION_CONDITIONAL 2 EMAIL ADDRESS AUTO_DIALER_EXTRACT 1 EMAIL ADDRESS COL_LETTER_1 2 EMAIL ADDRESS COL_LETTER_2 2 EMAIL ADDRESS COL_LETTER_3 2 EMAIL ADDRESS PAID_IN_FULL 2 EMAIL ADDRESS PAY_OFF_QUOTE 2 EMAIL ADDRESS RATE_CHG_LETTER 2 EMAIL ADDRESS PRODUCER_STATEMENT 4 EMAIL ADDRESS WELCOME 2 EMAIL ADDRESS POST_DATED_PAYMENT_LTR 2 EMAIL ADDRESS	INSERT

20.4 **'Asset Billing Rate' File upload changes**

20.4.1 **Overview**

The existing 'Asset Billing Rate' file upload batch process is enhanced to include two new columns: 'Min Billing Points' and 'Max Billing Points'.

20.4.2 **Description**

- Introduced new columns 'Min Billing Points' & 'Max Billing Points' at the end of file definition for both create and update file formats.
- In case, these field values are retained as either 'blank' or separated by 'commas' during file upload, system defaults the values: *Min Billing Points = 0; *Max Billing Points = 999999999999.

20.4.3 **Seed Data**

NA

20.5 General Ledger - Setup - EDIT Facility

20.5.1 Overview

Currently, General Ledger Setup screen is not allowing to EDIT 'Segment, Source, Translated Value' in 'Segment Definition' screen.

As part of this enhancement, these fields are made editable to provide flexibility in correcting any setup issues.

20.5.2 Description

Following changes are taken in General Ledger Setup screen:

Screen	Fields
Segment Definition	Segment, Source, Translated Value
Attribute Definition	Segment Type and Segment #

20.5.3 Assumptions

End users has to operationally handle any GL impact; since the ad-hoc change in the mapping or header values may lead to mismatch of handover entries.

20.5.4 Seed Data

NA

20.6 Extension Override Transaction support for Pre-Compute Loans

20.6.1 Overview

Currently the Extension Override transaction posting is not supported for Pre-compute Loans.

20.6.2 Description

- System is enhanced to allow posting of 'Extension Override' transaction on Pre-compute loans.
- The facility is delivered with some known limitations indicated below:
 - System allows backdating of the transactions for four delinquency cycles only. If user posts the backdating beyond four cycles, during reversal of transaction, system may not calculate the delinquency buckets properly.
 - Backdating of Extension transaction is subject to system parameter value TPE_EXT_CYCLES_BACKDATED (MAXIMUM EXTENSION CYCLES ALLOWED FOR BACKDATING).
 - Ensure that the value set in this parameter does not exceed four delinquency cycles.

20.6.3 Assumptions

NA

20.6.4 Seed Data

NA

20.7 Export button in 'Comments' tab

20.7.1 Overview

Provided a facility to export 'Comments' in Customer Service > Comments tab.

20.7.2 Description

- New button 'Export to Excel' is provided in Customer Service > Comments tab.
- System exports comments information in excel format on click of this button.

20.7.3 Assumptions

NA

20.7.4 Seed Data

S.No	TABLE	KEY DATA	TYPE
1	FLS_ACCESS	FLL.SER.UCS.ACCOUNTCOMMENT.EXPORT.BUTTON ACCESS TO EXPORT BUTTON OF THE ACCOUNT COMMENTS Y Y SER UCS UI N	INSERT
2	FLS_ACCESS_DETAILS	FLL.SER.UCS.ACCOUNTCOMMENT.EXPORT.BUTTON RESPONSIBILITY_CD ALL Y Y	INSERT

20.8 Seed Data changes for Impacted Bugs

NA

20.9 Patches and Bugs

Bug Id	Bug Description	Fix Description
36757081 & 36504588	SR:3-37164750411 & SR:3-36329833821 The 'Day Past Due' value displayed in Account Summary screen does not match with Days Past Due displayed in Due Date History screen. This has impacted and created mismatch for Oldest due date in a good number of line accounts.	For line accounts, due amount will not be same for every month and in this case, system is not calculating Oldest Due Date correctly. Fix has been provided in the following cases: Case 1: If Due Date History is provided as part of migration, system will calculate Oldest Due Date based on provided Due Date History. Case 2: If Due Date History is not provided as part of migration: <ul style="list-style-type: none"> • Case 2a: If due bucket 5 does not have consolidated due amount, system will directly look into the due buckets and calculate Oldest Due Date based on conversion account delinquency info table. • Case 2b: If due bucket 5 has consolidated due amount, system calculates Oldest Due Date based on specific logic.
36743191 & 36552662	SR:3-37123118489 & SR: 3-36551520111 On running delete web services on voided account the request is failing without any reason. Ideally, system should successfully execute the Delete Account Request without any error.	As per standard behaviour, system deletes records from Transactions and Transactions Amortize table. However, as part of this issue, additional fix is provided to delete record from GL Transactions and GL Transactions Details table.
35952018	SR:3-34692295271 During account conversion, system allows to convert the account even if the account has transaction dates less than conversion date. Ideally, the transaction date cannot be less than Conversion date.	Fix has been provided with code changes to validate whether transaction date is greater than conversion Date. If 'No', then system throws an error as 'Transaction dt cannot be less than Conversion dt' after executing the ACCAAI_BJ_100_01 batch job.

Bug Id	Bug Description	Fix Description
36738677	<p>SR:3-37070612851</p> <p>On running the Metro II batch job SET-ODD2:CBUUTL_BJ_100_03 with commit count as 100, the output file was created with only header data. However, when the commit count is increased to 1000 in batch job setup screen, the output file got created as expected with Header and Detail data.</p> <p>Ideally Metro II data should not be generated based on commit count.</p>	<p>Fix has been provided with code changes such that on changing Commit count either less or more in CBUUTL_BJ_100_03 batch job, system generates Metro II files with correct data.</p>
36367671	<p>SR:3-35933145561</p> <p>For ACH (Automated Clearing House) the NACHA file requires padding as 9999999 at the end of the file. This is a generic requirement for all NACHA file. System does not support file padding for both incoming and outgoing (Customer ACH, Lock box) files and as a result the incoming file to OFSLL are failing while processing.</p>	<p>Fix has been provided with the necessary code changes such that the number of records in the incoming file should be divisible by 10. If the number of records are not divisible by 10, then padding is done with as many records with value 9999 to make it divisible by 10.</p>
36383521	<p>SR:3-35546551461</p> <p>In Customer Service > Account Details screen, the field '1098 Reported Amount' is not updated with the total of Interest and Late charge paid during the entire year. This is needed for instant & real time customer queries related to 1098 interest paid.</p>	<p>Fix has been provided to get the 'total of Interest' and 'Late charge paid' value in 1098 Reported Amount in the Account Details screen.</p>
36385151	<p>SR:3-35876853482</p> <p>There is an issue noticed while reporting the DOFD (Date of first delinquency) for delinquent accounts since the DOFD for some accounts are changed from what was reported in previous month.</p> <p>The DOFD got changed when Account Acceleration transaction was posted on the account. Because during acceleration, Current Maturity date is changed to acceleration date and due to this, DOFD was changed and payment rating was reset to 0.</p>	<p>Fix has been provided with code changes such that DOFD and Payment rating will not change when posting Account Acceleration on the account. The delinquency date is updated with the previous DOFD from settlement date of previous payment.</p>
36552351	<p>SR: 3-36561390831</p> <p>There is an issue noticed for lease accounts while generating 'Payoff Quote letter' report for Business Category since the letter query is not handled properly and generated letter is blank.</p>	<p>Fix has been provided by modifying the Data Model Query to fetch the appropriate data for the report.</p>

Bug Id	Bug Description	Fix Description
36630583	<p>SR:3-36724672691</p> <p>There is an issue noticed when posting Recession transaction on associated account with the parameter Process Linked Account set to YES. This is because system tries to repost the master account transactions and during this, the Due Date field in the transaction is passed with wrong value.</p>	<p>Fix has been provided with code changes to not reset the transaction due date while reposting Due day change transaction on account.</p>
36768324	<p>The non-eligible delinquency accounts range is not reported correctly in RIC (Recognized Ineligible Conduit) report.</p>	<p>Fix has been provided such that the account delinquency days range reported in the report has been changed to report the delinquency appropriately.</p>
36584460	<p>SR: 3-36652125581</p> <p>While generating the Metro II file, the Total of Status Code DF (DELETE_ACCOUNT_FRAUD) in the Trailer Record is shown blank. Request to adjust with zeros-(000000000) in the event there are no cases with status DF.</p>	<p>Fix has been provided with code changes in the Metro II file generation process to show the count of number of Accounts with status code 'DF' at position 30 to 38.</p>
36601374	<p>SR: 3-36708789711</p> <p>In some cases it is noticed that a Webhook event is not triggered when Application status is changed to Auto- Rejected and system failed when FTA attribute "Date" type is selected at first position during JSON query formation.</p> <p>As a result, system is unable to convert date format appropriately.</p>	<p>Fix has been provided by adding TO_CHAR function if FTA ATTRIBUTE DATATYPE is first picked in json query because the loop for adding the TO_CHAR function only starts from the second sorted element.</p>
36602923	<p>SR: 3-36715068201</p> <p>On reversing a Charge Off (CHRGEDOFF) transaction for the migrated accounts, system is posting the back dated transactions including the billing beyond the account backdated date (ACC_BACKDATE_DT).</p>	<p>Fix has been provided with code changes such that during account migration system stamps only date (not time). If transactions are posted on the same day, the order of transaction is not changed and shows ACTIVE transactions at first.</p> <p>This ensures that on reversing the CHRGEDOFF transaction, transactions are not posted beyond the backdated date for the account.</p>
36638322	<p>SR: 3-36824054951</p> <p>While creating an account using the existing customer details, it is noticed that system does not update the audit columns for Address/Telecom information.</p>	<p>Fix has been provided by adding Audit Columns (Last Update Date & Last Updated By). This gets updated when the Current Indicator is N for the existing address and telecom details.</p>

Bug Id	Bug Description	Fix Description
36643599 & 36656580	SR: 3-36834142361 & SR:3-36859878631 It is noticed that system does not allow to onBoard Trade contracts if there is mismatch in Equity. Ideally the expectation is that account onBoarding should be allowed even if there is Equity Mismatch.	Fix has been provided with code changes to roll back the update without onboarding only if the transaction fails other than EQUITY mismatch. However, if trade mismatch is posted for an account, system will create the account and post the transaction.
36679597	SR: 3-36927676251 In Servicing > Payments > Payment Maintenance screen, when a payment is reversed and if there is any error (for example if account condition is in charged off) no error message is displayed in UI and instead the page freezes.	In Payment Maintenance screen, the View Options radio button doesn't have default value and so on page load, null pointer exception is recorded only in logs which suppressed the original error message. Fix has been provided by giving default value and making it as mandatory field. So on modifying payments through Payment Maintenance for CLOSED, TERMINATED, or accounts other than active, system displays a validation message on clicking "YES" to reverse the transaction.
36692631	SR: 3-36900389871 In Customer Servicing > Payments > Payment Entry Tab, on creating multiple payments for a batch, the Transaction reason is defaulted to value as 'Payment Manual'. Even though the sort order for this value is maintained as 2 in lookup code, it appears first. Even if this lookup is disabled the Transaction reason value is still defaulted to "Payment Manual".	Fix has been provided such that the defaulted value in lookup is modified and the value for reason code is taken based on sorting order.
36631661	SR: 3-36795658021 During the bulk file upload process, the batch job IARPRC_BJ_100_01 does not include the new columns for Asset Billing Rate min billing points and max billing points. ABR_MIN_BILLING_POINTS ABR_MAX_BILLING_POINTS	Fix has been provided by enhancing the batch job IARPRC_BJ_100_01 to capture the two newly created columns for min billing points & max billing points. However, if the two newly added fields are sent as blank in the file during bulk upload, then the definition record is sent with two extra commas at the end of the file for the system to recognize the two newly added fields and default to their corresponding values 0.

Bug Id	Bug Description	Fix Description
35966463	<p>SR: 3-34733769501</p> <p>System does not allow to add email address in Data files for ADVERSE ACTION letter which is used for correspondence through data file upload. However in UI, system allows to change the length and format columns but does not allow to add any new columns.</p>	<p>Fix has been provided with code changes in ODD batch job OLOADV_BJ_100_01 for ADVERSE ACTION letter. Accordingly, system allows to add and process EMAIL address in the data files under the RECORD DEFINITIONS section.</p>
36555351	<p>SR:3-36564834781</p> <p>It is noticed that there is a mismatch between balances displayed in Customer Service > Transaction History > Balances tab against Transactions tab for some of the Line of credit accounts. This happens especially when an account has credit balance after an excess payment.</p>	<p>When excess payment amount is received, posting of Adjustment transaction causes mismatch in running balances.</p> <p>Fix has been provided with code changes in respective package so that on posting Adjustment to Principal/ Advance, the Balances tab and Transactions tab is updated with same values.</p>
36617107	<p>SR: 3-36761459521</p> <p>System allows to post TRADE Transaction on accounts with transaction date earlier than the date on which active transactions are posted. Due to this the active transactions are getting reversed.</p>	<p>Fix has been provided with code changes to trigger a validation when user is trying to post the Trade transaction beyond the ACTIVE date or even with a back date.</p> <p>Also, an index is shared along with this fix for performance improvement of GLDPRC_BJ_100_01 batch job.</p>
36743393	<p>SR:3-37121904301</p> <p>While posting Disable/Enable Non Primary Customer Relationship transaction, system displays an error and does not allow to proceed. This could be because multiple customers are associated to the account.</p>	<p>Fix has been provided by introducing a new transaction input parameter CUSTOMER NUMBER. This can be used to provide the customer number if multiple customer exists for an account.</p>
36765325	<p>SR:3-37196607571</p> <p>During Simple Application Entry or Application Entry web service processing, system does not validate the zip code provided under Applicant > Address / Employment section.</p>	<p>Fix has been provided with code changes to validate the zip code entered in application entry or customer address maintenance web service and skip the validation only when country lookup sub code is defined as NO_ZIP_VAL.</p>
36815352	<p>SR:3-37348510621</p> <p>For an account with annual billing frequency & some payment excess amount, changing the pre-bill days using Re-Schedule Billing transaction is causing incorrect allocation which results in balance mismatch.</p>	<p>Fix has been provided with code changes to pick the Payment allocation details from table for excess allocation between account billing run date last and Transaction date instead of Account due date and Transaction date.</p>

Bug Id	Bug Description	Fix Description
36822496	<p data-bbox="358 226 607 254">SR:3-37376250076</p> <p data-bbox="358 275 898 331">Following issues are reported for conversion account:</p> <p data-bbox="358 352 881 470">For Non-Conversion account having due, if Due Day Change transaction is posted, system is not deriving Oldest Due Date properly.</p> <p data-bbox="358 491 911 548">For Conversion account, system is directly assigning Next Due Date to Oldest Due Date.</p>	<p data-bbox="932 226 1333 254">Fix has been provided such that:</p> <p data-bbox="932 275 1442 331">System derives Oldest Due Date properly for Non-Conversion account having due.</p> <p data-bbox="932 352 1446 470">System does not directly assign Next Due Date to Oldest Due Date for Conversion account but checks for next nearest due date and derives accordingly.</p>

21. Patch Release 14.12.0.0.19

21.1 Enhancements

Ref No.	Enhancement	Description
NA	NA	NA

21.2 Seed Data changes for Impacted Bugs

NA

21.3 Patches and Bugs

Bug Id	Bug Description	Fix Description
36541603	<p>SR:3-36532750891</p> <p>Following issues are noticed:</p> <ol style="list-style-type: none"> 1. On Reversing or Voiding payments, system takes the oldest due day on the account as the Date of First Delinquency (DOFD). 2. Late fee is not included with amount past due when reporting to Metro II. 	<p>Fix has been provided such that:</p> <ol style="list-style-type: none"> 1. When payment is reversed or voided, the DOFD date is taken from Transaction Settlement Start Date column of the transaction table. 2. System includes Late fee with amount past due when reporting to Metro II.
36703502	<p>SR:3-36992977411</p> <p>During account conversion, system take the value of 'Estimated Interest Amount' (ACC_INT_AMT_ESTIMATED) same as the Finance Charges (APP_AMT_FINANCED) that is passed in the migration file and does not consider any other fees like admin fees.</p> <p>However, during normal account creation, the Estimated Interest Amount on account is calculated as Finance charges on Account – (minus) sum of any fees.</p>	<p>Fix has been provided with code changes by adding new columns APP_FEE_AMT_FINANCED and APP_FEE_AMT_PREPAID to the conversion script and API table. These columns will be used to calculate the Estimated Interest Amount' (APP_INT_AMT_ESTIMATED) during conversion process.</p>
36775723	<p>SR:3-37227742521</p> <p>While posting an Advance on account via Lock box processing and running the batch job TXNADV_BJ_112_01, system does not validate the account eligibility for same.</p> <p>However, account eligibility validation happens during Advance Disbursement API process and in UI before posting.</p>	<p>Fix has been provided in the batch process such that system validates whether account is eligible for Advance payment before processing the batch job TXNADV_BJ_112_01: ADVANCE POSTING.</p>
36305701	<p>SR:3-35770599961</p> <p>System displays an error and does not allow to post RESCISSION transaction for an account.</p> <p>The issue was reported earlier and fix was provided in PS13 against SR: 3-35292331661 (bug 36362084).</p>	<p>Fix has been provided with code changes such that system allows to post RESCIND (Account Rescission) transaction successfully without displaying any transactions date validation errors.</p>
36796798	<p>SR:3-37295176781</p> <p>The Batch Job set SET-GLI is taking long time to process creating performance issues.</p>	<p>Fix has been provided with appropriate index to improve the performance of batch job set SET-GLI, SET-ODD2 and SET-ACR.</p>

Bug Id	Bug Description	Fix Description
36834728	<p>SR:3-37394846091</p> <p>On posting REVERSE PRE-CONVERSION PAYMENT transaction and clicking Calculate Parameters button to calculate parameters for UDF (User Defined Fields), system displays backdated validation error message in System Monitor > Jobs > Job Results screen.</p> <p>However, when same is attempted through End of Day ET-CUP batch job on same day, system calculates UDF value as expected.</p>	<p>Fix has been provided with code changes such system allows to proceed with Reversal of pre-conversion payment transaction and recalculation of UDF without throwing any error messages.</p>
36835342	<p>SR:3-37401414321</p> <p>During account migration, it is noticed that the Recourse related fields in accounts table are not available in accounts migration file for migration. Some of Recourse Maintenance fields are:</p> <p>APP_RECOURSE_IND, APP_RECOURSE_MAX_PER, APP_RECOURSE_TYPE_CD, APP_RECOURSE_REASON_CD ,APP_RECOURSE_AMT</p>	<p>Fix has been provided by adding recourse columns to api_contracts and api_accounts tables to bring the values for insertion via accounts migration file into converted account.</p>
36851782	<p>SR:3-37457872711</p> <p>Request to provide Data Sanity Check scripts to validate accounts data such as checking Term paid, validation when payoff amount is greater than zero, to validate accounts/payment/payoff ctd mismatch and so on.</p>	<p>Data Sanity Check scripts have been provided to validate accounts data. Details of each DSR are available in the below handbook.</p> <p>https://docs.oracle.com/cd/F53373_01/pdf/refdocs/OFSLL_DSR_Handbook.pdf</p>
36854693 & 36372812	<p>SR: 3-37459204441</p> <p>Following issues are noticed:</p> <ol style="list-style-type: none"> 1. Account Paid Off is happening on next month before bill generation date and system is trimming the PHP (Payment History Profile) of previous month. 2. System is resetting the PHP from backdated transaction posted on Repo condition opened account. 	<p>Following fix have been provided:</p> <ol style="list-style-type: none"> 1. Fix has been provided with code changes such that system should report the complete PHP including previous month when PAID OFF happens in the next month before billing date. 2. Code fix has been provided to stop the resetting of PHP (Payment History Profile) when posting backdated transaction on Repo condition opened account.

Bug Id	Bug Description	Fix Description
36869428	<p>SR:3-37505013481</p> <p>On posting Trade Reversal transaction to Reverse a Trade on source account and if the event type parameter EVENT TO PROCESS ACTIONS WHEN NEW NON-MONETARY RECORD IS POSTED is enabled, system displays an error and does not allow post the transaction.</p>	<p>During Trade Reversal, if the event type parameter EVENT TO PROCESS ACTIONS WHEN NEW NON-MONETARY RECORD IS POSTED is enabled, system internally posts Account Rescission transaction using a specific ID. If the ID value is passed as null, system displays an error.</p> <p>Fix has been provided with code changes to send the required ID when system internally posts Account Rescission transaction.</p>
36873510	<p>SR:3-37515579721</p> <p>On posting Trade transaction, system posts 'Adjustment' transaction for outstanding balance on account, but the transaction description includes some ambiguous amount of some Adjustments transaction as part of Trade and is not consistent with the transaction amount.</p>	<p>Fix has been provided such that on posting the TRADE transaction on the account, system calculates transaction original amount as account balances and posts the Adjustment (Subtract) Transaction with correct transaction description.</p>
36873547	<p>SR:3-37515351661</p> <p>On posting Trade Transaction, if there is incorrect/mismatch in trade transaction amount in Trade details, the message displayed is not clear as it indicates only Trade equity on Source and Destination account but does not show trade amount under Trade details.</p>	<p>Fix has been provided with code changes to display the correct message indicating the Trade amount in trade transfer / Trade details if there is a mismatch in Trade.</p>
36901496	<p>SR: 3-37576840611</p> <p>During account conversion, system does not allow to migrate accounts if the account's Transaction date less than Conversion date. This could be because there is a validation added in earlier patch set release to check whether transaction date is greater than conversion Date and if it is 'No', system throws an error as 'Transaction dt cannot be less than Conversion dt'.</p>	<p>Fix has been provided by removing the validation so that on executing the ACCAAI_BJ_100_01 batch job, system allows to migrate accounts even if Transaction file contains Transaction Date less than Conversion Date.</p>

Bug Id	Bug Description	Fix Description
36926446	<p>SR: SR 3-37669234881</p> <p>The API to process Payment Transactions are taking 25 to 30 seconds to complete each transaction with payment responses going up to 20 seconds. This average response time is not feasible to handle the daily volume of transactions causing performance degradation.</p>	<p>Following four indexes are provided to improve the performance of Payment Transactions processing:</p> <ul style="list-style-type: none"> ▪ ACC_IDX_112: This index improves the performance of payment. However, it is dependent on the payment hierarchy setup. The index will have be reconsidered if the setup is changed. ▪ ACC_FDX101: This index improves performance of TXNPAP_BJ_100_01 batch job. ▪ ACC_FDX101: This index improves performance of TXNACR_BJ_100_03 batch job. • • PAL_FDX1: This index improves the performance of GLIPRC_BJ_100_02 batch job.

22. Security Fixes

Patch Release Version	Bug	Description
NA	NA	NA

23. Limitations and Open issues

Patch Release Version	Bug	Description
NA	NA	NA

24. Components of the Software

24.1 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/F53373_01/index.htm

24.2 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

25. 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_301	
				Application Development Framework	12.2.1.4.0	
		Database Server		Oracle Database Enterprise Edition	19.12.0.0.0	
		Reporting Server		Oracle Analytics Publisher	5.9.0	
		Client Machines		Windows 10 (Patch Version 1703)	Microsoft Edge (64 Bit)	90.0.818.56 (Official Build)
					Mozilla Firefox (32 Bit)	78.10.1esr
					Google Chrome (64 Bit)	90.0.4430.93 (Official Build)
				Mac OS X	Apple Safari (64 Bit)	13.1

26. 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/F53373_01/pdf/refdocs/ofslr_release_notes.pdf

27. Annexure – C: Forward Ported Enhancements and Fixes

This section of the document contains detailed list of enhancements along with issues/fixes which are developed and addressed in previous releases and merged to a specific patch of 14.12.0.0.0 release.

27.1 Forward Ported Enhancements to 14.12.0.0.10

The section below gives an overview of enhancements in tabular format and are categorized based on specific version it was developed. The sub sections below explain each enhancement in detail.

27.1.1 Forward Ported Enhancements from 14.10 PS12 Patch Release

Ref No.	Enhancement	Description
NA	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
NA	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.
NA	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.
NA	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.
NA	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.
NA	Reversal Transaction Support in the Transaction Upload	System is enhanced to provide Reversal of the transactions through Bulk Upload.
NA	Securitization File Upload Enhancement	System is enhanced to accept the 'Reason Code' while uploading the file.

27.1.2 Forward Ported Enhancements from 14.10 PS15 Patch Release

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

27.1.3 Forward Ported Enhancements from 14.10 PS16 Patch Release

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 <ul style="list-style-type: none"> • Account Payment File upload • 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: <ul style="list-style-type: none"> • Backdating of the transaction • Reversal and reposting of the transaction

27.1.4 Forward Ported Enhancements from 14.10 PS17 Patch Release

Ref No.	Enhancement	Description
NA	<ul style="list-style-type: none">Allow user to post the 'Credit Refund' transaction manuallyAllow user to post it with less than or equal to the available credit balance	Partial Credit Refund Enhancement

27.1.5 Forward Ported Enhancements from 14.10 PS18 Patch Release

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.

27.1.6 Reschedule billing Cycle Txn - Additional Validations

27.1.6.1 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.

27.1.6.2 Description

Following are the changes done to support the new functionality:

- 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'.
2. 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.

27.1.6.3 **Seed Data**

Click [here](#) to view the Seed Data.

27.1.7 **Securitization Enhancement – Add Accounts to pool with specific statuses**

27.1.7.1 **Overview**

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

27.1.7.2 **Description**

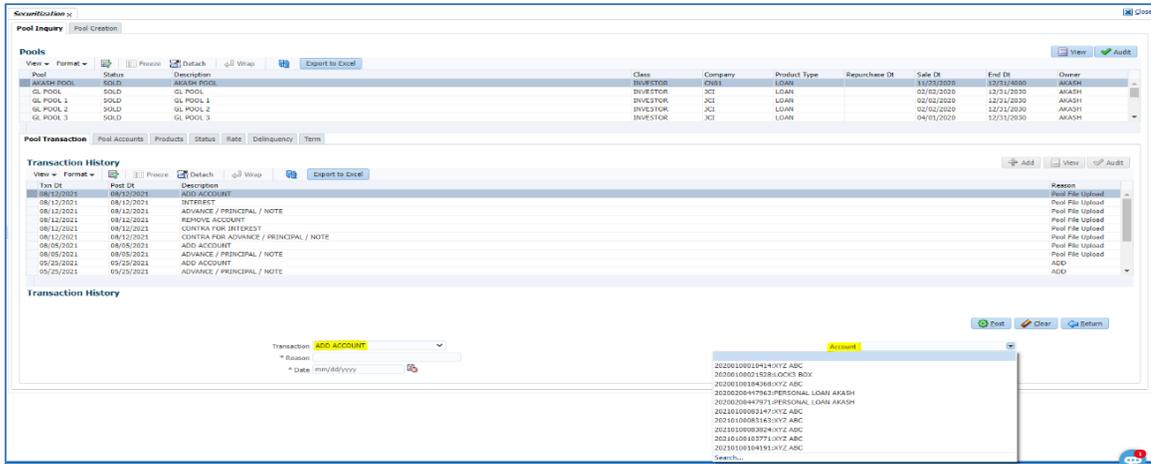
System allows to add the PAID-OFF, CHARGED OFF, TRADED and TERMINATION accounts to a securitization pool based on "POOL_ACTIVE_ACCOUNTS_ONLY" system parameter using following functionalities:

- 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.



27.1.7.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.8 Master Customer Statement - Consolidation Check

27.1.8.1 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.

27.1.8.2 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).

27.1.8.3 Seed Data

NA

27.1.9 Auto allocation of Master Excess Amount

27.1.9.1 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.

27.1.9.2 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.
 - 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.

27.1.9.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.10 Field Access to Vacation Ownership tab

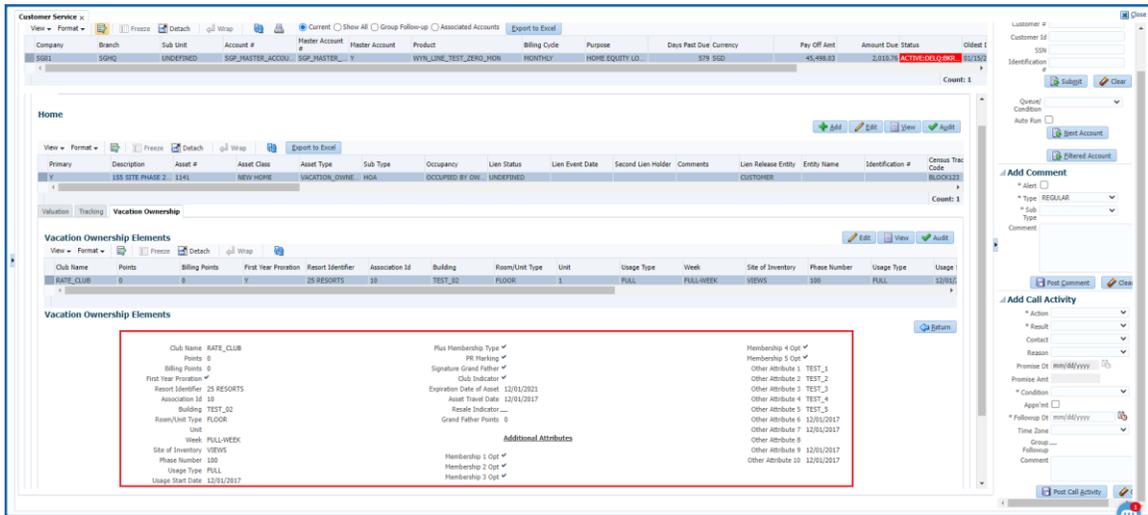
27.1.10.1 Overview

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.

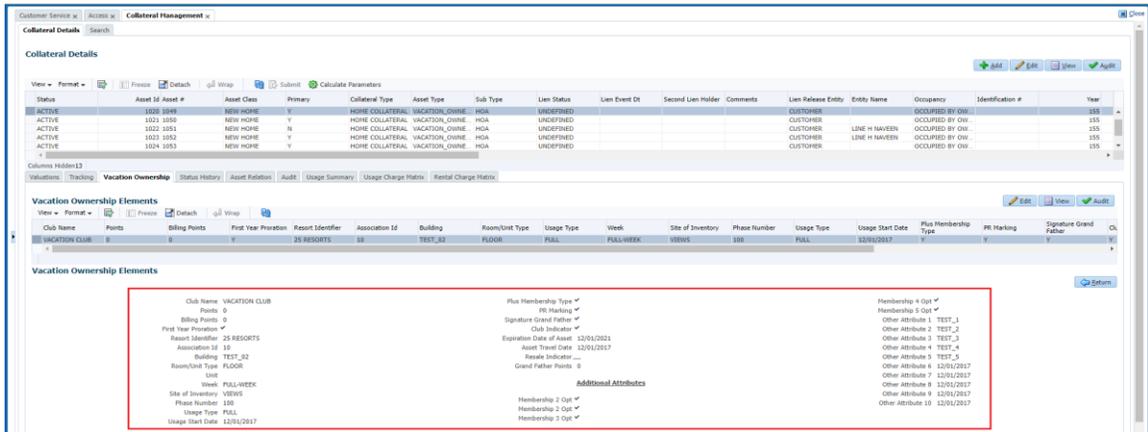
27.1.10.2 Description

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.



27.1.10.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.11 Reversal Transaction Support in Transaction Upload

27.1.11.1 Overview

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.

27.1.11.2 Description

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.
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:

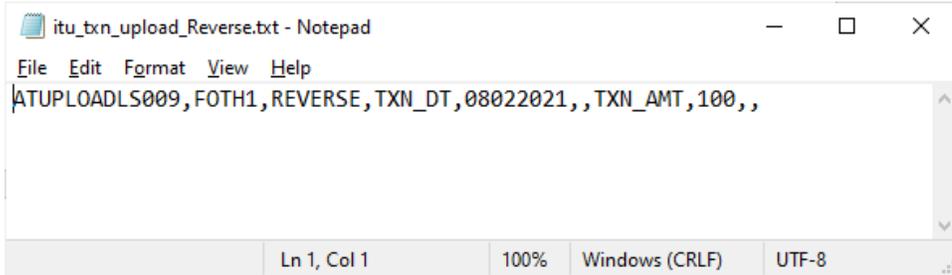
- System validates to not accept "_REV" Transactions in file and prompts an error "REVERSAL ACTION TYPE TRANSACTION CODES ARE NOT ALLOWED".
- System validates for the correct ACTION_TYPE code and prompts an error "INVALID ACTION_TYPE CODE".
- If a Transaction for Reversal is not available, then system 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:

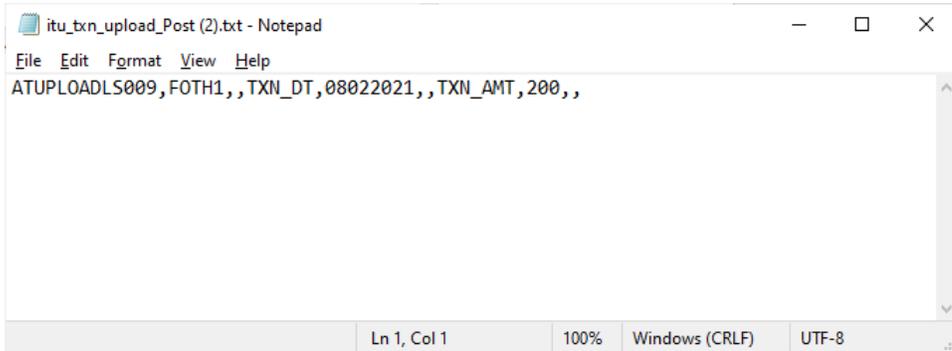
Sample 1

Format - ATUPLOADS009,FOTH1,REVERSE,TXN_DT,08022021,,TXN_AMT,100,,



Sample 2

Format - ATUPLOADS009,FOTH1,,TXN_DT,08022021,,TXN_AMT,200,,



27.1.11.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.12 Securitization File Upload Enhancement

27.1.12.1 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'.

27.1.12.2 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.

27.1.12.3 Seed Data

NA

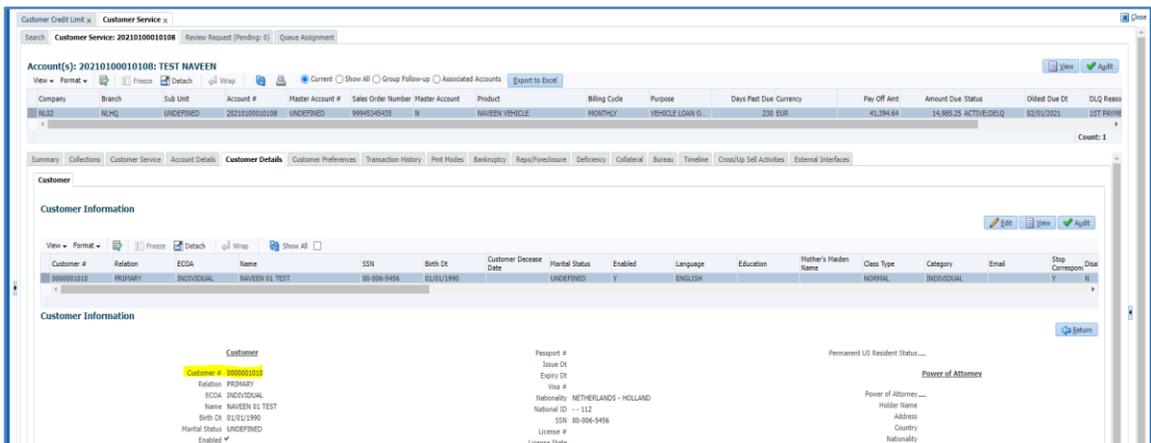
27.1.13 Update Existing Customer/ Business Number in servicing

27.1.13.1 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.

27.1.13.2 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.
- 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.

27.1.13.3 Seed Data

Click [here](#) to view the Seed Data.

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

27.1.14.1 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

27.1.14.2 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

	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

27.1.14.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.15 NSF on Master Account

27.1.15.1 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.

27.1.15.2 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.

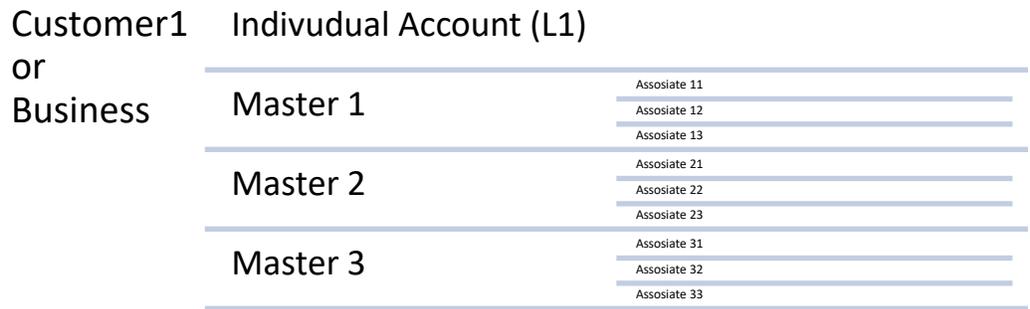
The screenshot shows the 'Payments' window in Oracle Financial Services. The 'NSF Fee Account #' dropdown is open, and 'WYN_MASTER_210' is selected. Below the dropdown is a table of payment transactions:

Account #	Title	Currency	Amount	Status	Spread	Reason	Error Reason
WYN_ASSOCIATED1_210	LIU SHEO	US DOLLAR	2,500.00	POSTED	ACTIVE SPREAD	REGULAR PAYMENT	
WYN_ASSOCIATED2_210	LIU SHEO	US DOLLAR	2,500.00	POSTED	ACTIVE SPREAD	REGULAR PAYMENT	

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'.
- 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:



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

Account Payment WS

- Introduced new field element as 'NsfFeeOnMaster' - it's 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 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

27.1.15.3 Seed Data

NA

27.1.16 New Pre Bill Days Maintenance Transaction

27.1.16.1 Overview

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

27.1.16.2 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	GL
Pre Bill Days Change	PBDCHANGE	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".

Parameter Code	Description	Field Validation and Comments
PROCESS MASTER ASSOCIATED ACCOUNTS	Indicates whether to process master account and associated accounts.	<p>If Yes =</p> <p>Pre Bill Days Maintenance transaction will be posted on Master and associated accounts.</p> <p>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).</p> <p>If No =</p> <p>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.</p> <p>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.</p> <p>If the current Account is master and Statement Consolidation flag = Y, system show an error message and will not allow to post the transaction.</p> <p>If the current Account is Master Account and Statement Consolidation flag = N, the system will allow to post this transaction.</p> <p>If the current Account is not link to any master account, the system will allow to post this transaction.</p>
PROCESS STATEMENT CONSOLIDATED ACCOUNTS	Indicates to process Accounts having Statement Consolidation flag (Y/N)	<p>If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is N, then system will validate all accounts based on other txn parameter values.</p> <p>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.</p> <p>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.</p>

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

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

27.1.16.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.17 NSF on Master Account (Phase II)

27.1.17.1 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.

27.1.17.2 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.

The screenshot shows the Oracle Payments Maintenance interface. The 'NSF Fee Account #' dropdown menu is open, displaying a list of account options. The 'WYN_MASTER_405 (M)' and 'WYN_MASTER_505 (M)' entries are highlighted with a red box, indicating they are Master Accounts. The main table below shows a list of payments with columns for Multi Account, Payment Id, Account #, Title, Account Status, Pmt Dt, Currency, Pmt Amt, Status, Reference, and Reason.

Multi Account	Payment Id	Account #	Title	Account Status	Pmt Dt	Currency	Pmt Amt	Status	Reference	Reason
✓	77867		NO ACCOUNT	UNDEFINED (M)	08/20/2020	US DOLLAR	800.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	77862		NO ACCOUNT	WYN_ASSOCIATED1_405	08/20/2020	US DOLLAR	1,000.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	77860		NO ACCOUNT	WYN_ASSOCIATED1_45	06/28/2020	US DOLLAR	1,000.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	73753		NO ACCOUNT	WYN_ASSOCIATED1_505	06/28/2020	US DOLLAR	100.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	73751		NO ACCOUNT	WYN_ASSOCIATED2_45	06/27/2020	US DOLLAR	112.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	73748		NO ACCOUNT	WYN_ASSOCIATED2_505	06/27/2020	US DOLLAR	112.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	73742		NO ACCOUNT	WYN_MASTER_405 (M)	06/27/2020	US DOLLAR	112.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	73623		NO ACCOUNT	WYN_MASTER_505 (M)	06/26/2020	US DOLLAR	432.00	POSTED	PAYMENT	REGULAR PAYMENT
✓	72898		NO ACCOUNT		05/24/2020	US DOLLAR	2,600.00	POSTED	PAYMENT	REGULAR PAYMENT

- 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

The screenshot shows the Oracle Payments interface. At the top, there are search parameters for Account #, Pmt Amt, Start Dt, End Dt, and Reference #. Below that, there are view options like Posted, Suspense, and All. A table of payment records is visible, with columns for Multi Account, Payment Id, Account #, Title, Account Status, Spread, Pmt Dt, Currency, Pmt Amt, Status, and Reference. An error dialog box is overlaid on the table, displaying the message: "Error: NSF Fee Account# is blank, Kindly use Reverse." with an OK button.

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:

- 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.

27.1.17.3 Seed Data

NA

27.1.18 Backdate Pre Bill Days Maintenance Transaction

27.1.18.1 Overview

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

27.1.18.2 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	GL
PRE BILL DAYS REVERSE	PBDC HANG E	REVERSE	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)
- 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

27.1.18.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.19 Partial Credit Refund Enhancement

27.1.19.1 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.

27.1.19.2 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>>
- Following is the system behaviour for line account

REPOST_CREDIT_REFUND_IND	User Action 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.

		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.

27.1.19.3 Seed Data

NA

27.1.20 Index / Margin Rate Change Transaction

27.1.20.1 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'.

27.1.20.2 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

Parameter Code	Possible values	Sort
REASON	LoV	4
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).
- 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.

27.1.20.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.21 New parameter to DDCHANGE/OVERRIDE TXN

27.1.21.1 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.

27.1.21.2 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.

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.

PROCESS MASTER ASSOCIATED ACCOUNTS	PROCESS SAME PRODUCT TYPE AND FUNDING TYPE ACCOUNTS	PROCESS STATEMENT CONSOLIDATED ACCOUNTS	Behaviour
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

27.1.21.3 Seed Data

Click [here](#) to view the Seed Data.

27.1.22 Change frequency of Cycle Based Collection Late Fees and Cycle based Late fees

27.1.22.1 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.

27.1.22.2 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		
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		

Parameter Code	Mandatory	Type	Sort	Default Values	Field Validations & Comments
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. 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. 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,
 - 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
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: 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.

27.1.22.3 **Seed Data**

Click [here](#) to view the Seed Data.

27.1.23 **K2 SEGMENT INCLUDED IN METRO II**

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.

27.1.23.1 **Overview**

For a more accurate/proper way of reporting Consumer Information, system needs to start reporting the K2 Segment. At present, the system doesn't report the information once an account is sold or if the account is purchased from outside.

K2 Segment is designed to accommodate the requirement, which contains the name of the company from which an account was purchased or the name of the company to which an account was sold. It should be reported only one time per record to affect the change.

Only one occurrence of the K2 Segment can be appended to the Base Segment. If not applicable, then K2 Segment need not be reported.

27.1.23.2 **Description**

Following are the changes provided:

Changes in conversion (ALL product types)

- Introduced two new non-mandatory fields in Conversion Process as follows
 - Purchased From – Varchar Field
 - Purchased Date – Date Field
- System stores the Payment History Profile (ACC_CRB_PMT_HISTORY) as 'B' & ACC_CRB_FULL_PMT_HISTORY = NULL if AUTO_GEN_ACC_NBR_CONV = Yes for all 24 months.
- Provided the following EDIT under 'CONVERSION ACCOUNTS EDITS' for Loan/Line/Lease

Edit Sub Type	API ACCOUNT EDITS
Edit	REQUIRED : ACCOUNT PURCHASED FROM AND DATE
Result	ERROR
Enabled	Yes

Value	NA
Override Responsibility	NO RESPONSIBILITY
System Defined	No
Criteria	If Purchased From is provided and Purchased Date is not provided or If Purchased Date is provided and not provided Purchased From or If both are null, then it doesn't trigger i.e., if anyone is provided, then this wouldn't trigger

- Added the below new fields after 'Pool' under Servicing > Conversion Account > Account Boarding > Account Details > Edit. Also shown in the header.

The screenshot shows the 'Accounts' form with the following fields:

- * Account #: 20180100017505-327032019
- * Status: ACTIVE
- * Effective Dt: 01/01/2018
- Paid Off Dt: mm/dd/yyyy
- Pool: UNDEFINED
- Purchase From**: (highlighted with a red box)
- Purchase Date**: mm/dd/yyyy
- * 30: 0
- * 60: 0

Note: After installing this patch, if the user starts reporting the K2 Segment and doesn't maintain the Owner Details to the existing POOL details, then the file gets rejected. OFSLL can't handle this, and it should be operationally controlled.

In another way, even if initially K2 reporting was not started but later enabled, then also it should be operationally controlled.

Securitization changes

When user post '**SOLD**' transaction from 'Customer Service > Securitization > Pool Inquiry > Pool Transaction > Add > Sold', then the system validates an error out if the '**Owner**' name is not provided. Also, it checks if the system parameter is set as one of the new lookup codes provided below:

Error message: Owner Name required to report in Metro II (SYS-SYS-SYS-SEC-002032)

Seed Data - Lookups

- Provided the following new lookup codes under the existing CBU_FILE_FORMAT_CD lookup as follows

Lookup Code	Description	Enabled
844	426 BASE + 1J1 + 1J2 + 1K2 + 1K4 + 1L1	Y
1144	426 BASE + 2J1 + 2J2 + 1K2 + 1K4 + 1L1	Y
1444	426 BASE + 3J1 + 3J2 + 1K2 + 1K4 + 1L1	Y
1744	426 BASE + 4J1 + 4J2 + 1K2 + 1K4 + 1L1	Y

- Provide the following new lookup codes under the new PURCHASE DATA MAINTENANCE ACTION TYPE lookup as follows

Lookup Code	Description	Enabled	Sort	Sub Code	System Defined Yes/No
UPDATE	UPDATE	Y	2		Yes
ADD	ADD	Y	1		Yes
REMOVE	REMOVE	Y	3		Yes

New Non-monetary transaction

- Added the following to update or remove the Purchase from data from an account

Description	Group	Action	Monetary	Enabled	Manual	Txn/Bal Type & Statement Txn Type	Batch Statement Print GL
Purchase Data Maintenance	ACCOUNT NON MONETARY	POST	N	Y	Y	NONE	N

- Following are the parameters for the above transaction

Parameter code	Default	Sort	Displayed? Yes/No	Required? Yes/No
Txn Date		1	Yes	Yes
Purchase Data Maintenance Action Type	UPDATE	2	Yes	Yes
Purchase From		3	Yes	No

Purchase Date		4	Yes	No
---------------	--	---	-----	----

- Based on the action type, system processes the "Purchase From and Purchase Date" information as follows:
 - **UPDATE** then, if 3 or 4 parameters are not NULL, replaces with existing column data. If its NULL means retains the existing account data
 - **ADD** then, add both 3 & 4 fields and validates both fields are provided
 - **REMOVE** then, ignore the 3 & 4 fields and set the column data to default values
 - The system also validates, if the account is '**Converted**' when this transaction is posted, i.e., if an account is onboarded or funded from UI, this transaction will not be allowed to post on the account
- Provided Access Grid as ALL and Products as ALL

Changes in Metro II CBUUTL BJ 100 02 batch job

Note the following while configuring the above values:

- This process has to be used by banks; if the company that purchased the accounts will not report the prior history, the seller must report the accounts as sold to reflect the final status.
- If the company that purchased the accounts is converting the account history to their system, the seller should not report the accounts as sold.
- If the lender who sold the accounts reported them as "purchased by another company" or the history cannot be verified for the account prior to purchasing, report the following Base and K2 Segment fields as specified

Reporting Base segment

- **SOLD Case:** If the account's Pool status is Sold, i.e., ACC_POOL_ACC_STATUS_CD = S, the system will start reporting the K2 Segment.

Field	BASE Segment Reporting Values If ACC_POOL_ACC_STATUS_CD = S
Scheduled monthly payment amount	Zero
Metro II Account status code	Reports current Account Status and freezes it i.e., continue to report the same status in the subsequent cycles until pool status is in 'Sold.'
Payment rating	If applicable to the account status code being reported and freezes it i.e., continue to report the same payment rating in the subsequent cycles until pool status is in 'Sold.'
Special comment	AH (purchased by another company)
Current balance	Zero
Amount past due	Zero

Date of account information	Date the account was sold, i.e., ACC_POOL_SALE_DT
FCRA Compliance/Date of First Delinquency	<existing process> i.e., If the account is delinquent = report the date of the first 30-day delinquency that led to the status being reported. If the account being sold is current and included in bankruptcy = report the date of the bankruptcy petition or notification.
Date Closed	Least date of ACC_POOL_SALE_DT and ACC_CLOSE_DT
Payment History Profile	Freezes it i.e., continue to report the same status in the subsequent cycles until pool status is in 'Sold.'

- **Purchase Case:** If the account has Purchased Date / Name != Null, then the system will start reporting the K2 Segment along with the following base fields

Field	BASE segment Reporting Values	
	If ACC_ORIG_SYS_XREF != ACC_APP_NBR	If ACC_ORIG_SYS_XREF = ACC_APP_NBR
Date Opened	Least value of 'Purchase Date' and 'Effective Date'	<existing process>
Date of account information	<existing process> Note: bank should make sure it was reported as sold by the seller	<existing process>
Payment History Profile	report character B for previous months	<existing process>

Note: Freeze information is applicable only for SOLD.

Reporting K2 Segment

The following new fields will be reported to the Metro ii File under K2 Segment.

#	Field name & Description	Reporting information
1	Segment Identifier	Constant value = K2.

2	Purchased From/Sold To Indicator	1 = If an account has 'Purchase From' data 2 = If an account is marked as SOLD (i.e., ACC_POOL_ACC_STATUS_CD=S) 9 = If the system reported either 1 or 2 in the previous reporting and current reporting if ACC_POOL_ACC_STATUS_CD != S, or Purchase from data is removed
3	Purchased From or Sold To Name	If field 2 = 9, this field should be blank-filled. If field 2 = 1, then this field should be filled with 'Purchase From' data If field 2 = 2, then this field should be filled with 'Owner' data from Servicing > Securitization > Pool Inquiry > Pools > View > Owner
4	Reserved	Always Blank fill.

While executing the Set-ODD2 > CBUUTL_BJ_100_02, the system will check the above criteria and populate them into the METRO_II_DATA table.

Note: If both pieces of information are present, then the system reports as per the SOLD

Changes in Metro ii CBUUTL_BJ_100_03 batch job

1. While executing the SET – ODD2 > CBUUTL_BJ_100_03, based on the value configured under the CBU_FILE_FORMAT company parameter, the system will generate the File as follows:

CBU_FILE_FORMAT parameter Value	Header Record begins with	426 Base Segment begins with	Base Segment + J1 Segments J2 segments + K2 + K4 + L1 segments to be included in the File?											Trailer Record
			J1_1	J1_2	J1_3	J1_4	J2_1	J2_2	J2_3	J2_4	K2	K4	L1	
844	844	844	Yes	No	No	No	Yes	No	No	No	Yes	Yes	Yes	844
1144	1144	1144	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes	Yes	1144
1444	1444	1444	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	1444
1744	1744	1744	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1744

- If the system has to create the File with K2 Segment, i.e., the user would have configured one of the above values 844,1044, 1444 or 1744, then the system has to incorporate K2 Segment before K4 Segment, and it will populate the data if criteria, as mentioned above, are met (Pool Status = S or Purchase From data != null)
2. In the Trailer Record(T1), the system will update the count of total records record count will be updated in the following position the way explained below

FIELD NAME	POSITION	To be updated as
34. Total Purchased From/Sold To Segments	291-299	Contains the total number of records with Purchased From/Sold To being reported in the K2 Segment

New UI fields in Servicing

- For Loan & Lease: Servicing > Account Information > Additional Details

Additional Details

Total Term 12

Paid Term 0

Maturity Dt 03/19/2018

Security Deposit 0.00

Purchase From

Purchase Dt

- For Line: Added a new block, 'Additional Details' and showed these

Additional Details

Purchase From EVER GREEN LENDING

Purchase Dt 11/1/2018

- Webservice Changes: These fields are sent in Get Account Details WS [/servicing/account/{number}]
- Out of Scope - Since the Customer uses the 'PLSQL' option to generate the metro ii file, 'C' lib changes are out of scope.

27.1.23.3 Seed Data

Click [here](#) to view the Seed Data.

27.2 Forward Ported Issues/Fixes to 14.12.0.0.10

Below Issues/Fixes are categorized based on specific version it was addressed.

27.2.1 Forward Ported Issues/Fixes from 14.10 PS23 Patch Release

Bug Id	Bug Description	Fix Description
34901451	SR: 3-31557851991 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. <i>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.</i> <i>Adding any additional selection criteria in a payment hierarchy will have a significant impact on application performance.</i>
34848634	SR: 3-31359509971 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.
34690421	SR: 3-30850425271 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 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.

Bug Id	Bug Description	Fix Description
34577052	SR: 3-30569806771 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.

27.2.2 Forward Ported Issues/Fixes from 14.10 PS24 Patch Release

Bug Id	Bug Description	Fix Description
34945158	SR: 3-31729018221 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.

27.2.3 Forward Ported Issues/Fixes from 14.10 PS25 Patch Release

Bug Id	Bug Description	Fix Description
35155806	SR: 3-32372695011 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.
35002060	SR: 3-31914937191 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: 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. 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.
35033160	SR: 3-31985336351 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.

27.2.4 Forward Ported Issues/Fixes from 14.10 PS26 Patch Release

Bug Id	Bug Description	Fix Description
35286245	<p>SR: 3-32742712461</p> <p>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.</p> <p>Also system does not allow to refund a payment made on the account which is not part of a payment hierarchy distribution.</p>	<p>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:</p> <ol style="list-style-type: none"> 1. Single payment refund - part of a batch 2. Payment refund part of payment hierarchy 3. Payment refund on a single account - part of batch consisting master accounts 4. Single payment refund via payment maintenance screen - part of a batch consisting master accounts 5. Refund entire payment batch where payment is allocated via hierarchy
35062595	<p>SR: 3-32093748521</p> <p>On posting RESCHEDULE BILL CYCLE transaction system does not update cycle based fee frequency.</p>	<p>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.</p>
35095493	<p>SR: 3-32165170981</p> <p>While reversing a CHGOFF transaction, system displays an error message indicating incorrect account number.</p>	<p>Fix has been provided with package level changes in txnprc_ew_100_01.pkb to resolve the issue.</p>
35186399	<p>SR: 3-32444374941</p> <p>The ACC MOCK DDT RUN DT NEXT Run Date Next is not changing when stop correspondence is posted on an account.</p>	<p>Fix has been provided with code changes to increment the ACC MOCK DDT RUN DT NEXT when stop correspondence posted.</p>
35008946	<p>SR: 3-31942343061</p> <p>In production environment, the Account Comments with SSN are unmasked.</p>	<p>Fix has been provided by applying data correction script which will identify unmasked SSN number in comment section and mask it.</p>

27.2.5 Forward Ported Issues/Fixes from 14.4 PS46 Patch Release

Bug Id	Bug Description	Fix Description
33944217	<p>SR: 3-28859717151</p> <p>OFSLL nightly job threads are not starting at the same time after upgrading to 19c scheduler.</p>	<p>Fix has been provided to run the threads in parallel.</p>

27.2.6 Forward Ported Issues/Fixes from 14.5 PS20 Patch Release

Bug Id	Bug Description	Fix Description
33856084	<p>SR: 3-28566759251</p> <p>After upgrading latest patch for 19c DB support, it is noticed that JOB_THREADS are getting queued and not running in parallel.</p> <p>Ideally, all threads should start in parallel to complete the activity quickly, instead of starting in sequence.</p>	Code fix has been provided to run the threads in parallel i.e. the SET-TPE job code TXNLTC & TXNDDT threads are starting in parallel to complete the activity as expected.
34095647	<p>SR: 3-29318569691</p> <p>After the 19c upgrade patch, the JSV_SLEEP_COUNT is set to 0 and it works fine. But however it is noticed that some threads are not processing any records and other threads are picking up "residual" records. Also the no processed jobs are not marked as FAILED even when reaching maximum errors.</p>	Fix has been provided with code changes such that if the number of errors allowed is greater than the error count then Batch Job, Job Set and Job Request Status is updated as 'Failed'.
34104349	<p>SR: 3-29330360788</p> <p>On clicking Audit button in Customer Service > Account Details > Escrow Details tab, system displays an error message.</p>	Fix has been provided by adding the missing RowId attribute in the VO and its related files.

27.2.7 Forward Ported Issues/Fixes from 14.5 PS21 Patch Release

Bug Id	Bug Description	Fix Description
34596822	<p>SR: 3-30620011558</p> <p>When CREDIT_BUREAU_REPORTING.CBR_PROGRAM_IDENTIFIER is maintained identical for all PTC companies, then the metro II file name is generated with all the PTC companies appended. This leads to a buffer issue when filename length is beyond the buffer size.</p>	<p>Fix has been provided with a new system parameter CBU_APND_COMPANY_TO_FILENAME to control the display of PTC Companies in the file name.</p> <ul style="list-style-type: none"> • If parameter is set to Y, then PTC company names are appended to the file name. • If parameter is set to N, then PTC company names are not appended to the file name.

27.2.8 Forward Ported Issues/Fixes from 14.8 PS25 Patch Release

Bug Id	Bug Description	Fix Description
34621681	<p>SR: 3-30689522061</p> <p>During account migration, the subunit value for accounts are getting populated as UNDEFINED by default.</p>	Fix has been provided such that the subunit value for accounts are populated from portfolio_company_branches table when source account subunit value is UNDEFINED.

Bug Id	Bug Description	Fix Description
34671606	<p>SR: 3-30746603271</p> <p>For individual account type, when bankruptcy condition is posted via call activity and the customer relation in bankruptcy tab is selected manually, the stop correspondence flag is not update to Y against the respective relation.</p>	<p>Fix has been provided in the following ways:</p> <ol style="list-style-type: none"> 1. For IND/SBL account, once call activity is posted for Bankruptcy, user should manually add the customer relation in bankruptcy tab. Then System will update the stop correspondence flag to Y after checking Bankruptcy condition posted on account. <p>Similarly, when current record is unchecked against a relation, the stop correspondence flag is updated to No without checking the bankruptcy condition. When a current record is modified to a different relation then the newly updated relation will have SC flag as Y and old customer will have SC flag as No.</p> <ol style="list-style-type: none"> 2. For business account, at any instance there can be only one business id enabled. Hence when bankruptcy is posted via call activity on business account, then SC flag is updated to Y instantly for the business relation regardless the user manually adds the business relation in the bankruptcy details tab. <p>When user unchecks the current record for the business relation in bankruptcy tab, then the SC flag is updated in N.</p>
34752926	<p>SR: 3-30966539061</p> <p>Batch Job issue - If a lease account has 'Advance' (i.e., Contract Date = First Payment Date) with Annual billing cycle, then during or on the contract date, the Metro II JOB (Set ODD2 - Seq 14) is going in infinite loop.</p>	<p>Fix has been provided such that while creating account, the payment history date (ACCOUNTS.ACC_CRB_PMT_HISTORY_DT) is derived as day 1 of previous month with respect to GL date. So code changes are done to remove the "=" check. i.e., <code>acc_crb_pmt_history_dt <= cv_gl_post_dt.</code></p>
34523145	<p>SR: 3-30444118881</p> <p>While creating an application using existing customer details which has <code>car_enabled_ind = 'N'</code>, the application is failing with no pricing match found for application.</p>	<p>Fix has been provided with code change to handle the scenario where the pricing details gets selected properly.</p>

Bug Id	Bug Description	Fix Description
34732798	<p>SR: 3-31033055639</p> <p>For 1099 c accounts we should have a way to report the accounts as a zero-deficiency balance.</p> <p>Note: This bug has a Regulatory/Process Change.</p>	<p>Fix has been provided such that if the Metro II Account status has been reported as 97 [Unpaid balance reported as a loss – charge-off] and if the account has CNL Condition, then system should report following fields as ZERO.</p> <ul style="list-style-type: none"> - Current Balance (CB) = 0 - Amount Past Due (APD) = 0

27.2.9 Forward Ported Issues/Fixes from 14.8 PS26 Patch Release

Bug Id	Bug Description	Fix Description
34956136	<p>SR: 3-31758428771</p> <p>There is an error noted when excess lease payment is received using a future spread for lease.</p>	<p>Fix has been provided with code changes to replicate the Loan package behaviour to Lease accounts and avoid error when excess payment is posted using future spread for lease accounts.</p>
34993465	<p>SR: 3-31893976251</p> <p>There is an error noted while creating subvention record when lease account is funded and impacting monetary transactions.</p>	<p>Fix has been provided with code changes to insert the producer details for an account which has single subvention details.</p> <p>Additionally code has been modified to make PRODUCER Id as non-mandatory from the request xml. So system will now fetch the producer id based on the producer which they are using for the account creation.</p>

27.2.10 Forward Ported Issues/Fixes from 14.8 PS27 Patch Release

Bug Id	Bug Description	Fix Description
35021483	<p>SR: 3-31976960101</p> <p>System does not calculate the repayment schedule properly for Borrower on SCRA (Sailors and Civil Services Relief Act) and Borrower off SCRA transactions posting with balloon loan payments.</p> <p>When a customer with a balloon loan (and an interest rate greater than 6% SCRA rate) qualifies for SCRA protection and benefits then the account must receive an interest reduction and lower payment for the duration of coverage and protection.</p>	<p>Fix has been provided with code changes for calculating payment amount when posting 'Borrower on Military Duty' transaction for an account.</p> <ol style="list-style-type: none"> 1. OUTSTANDING BALANCE, TERM & RETAIN BALLOON - System calculates the payment amount based on outstanding principal amount and term with balloon amount. 2. CONTRACT BALANCE, TERM & RETAIN BALLOON - System calculates the payment amount based on contract level amount financed and term with balloon amount.

Bug Id	Bug Description	Fix Description
35107178	SR: 3-32197288751 There is an error when attempting to place co-borrower/co-signer into SCRA relief by posting appropriate transaction.	Fix has been provided with code changes such that user can able to post the BORROWER ON MILITARY DUTY & BORROWER OFF MILITARY DUTY transactions. Note that this change is applicable to Loan and Lease products.
35222998	SR: 3-32301302001 System displays core validation error message if Transaction Date is less than Effective Date when trying to change the payment date on a suspense payment.	Since system is considering the old txn_dt and comparing with the acc_effective_dt, code has been modified to validate the payment date with effective date to resolve the issue.

27.2.11 Forward Ported Issues/Fixes from 14.6 PS14 Patch Release

Bug Id	Bug Description	Fix Description
32938034	SR: 3-24909560551 K2 segment to be included in metro based on account sold or not.	Fix has been provided as an enhancement to base product. For more details, refer to Enhancements section.
34466806	SR: 3-30295959961 According to the Metro II Revisions to Credit Reporting Resource Guide –May 2022 the field on the Base Segment “Date of Account Information” clarified the reporting the paid off date for acct status 13 and 61-65 The date of account information for PAID-OFF loans should be set to Paid-off date not the process date.	Fix has been provided such that when the account is PAID-OFF, system updates PAID-OFF date to 'Date of account information' (met_base_billing_dt). Note: <i>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.</i>
33908688	SR: 3-28661797231 Need a fix in Upgrade Script to improve the performance to update accounts.	Since the Update Accounts in the Upgrade Script it taking time, fix has been provided by modifying the Update to Parallel Update to improve performance.
34517162	SR: 3-30403922708 In case of joint accounts, the account header does not get updated after posting CUS_DECEASE_MAINT transaction for a particular account.	Data Fix has been provided to update Account header with correct value.

27.3 Forward Ported Enhancements to 14.12.0.0.11

The section below gives an overview of enhancements in tabular format and are categorized based on specific version it was developed. The sub sections below explain each enhancement in detail.

27.3.1 Forward Ported Enhancements from 14.5 PS20 Patch Release

Ref No.	Enhancement	Description
34097567	Support for 1098c format changes.	Field definition/position is changed from 248 to 288 in ASCII data file.

27.3.2 Format Change – 1098c Report

27.3.2.1 Overview

The Internal Revenue Service (IRS) rejected all the 1098 data files from OFSLL this year. It was mentioned that there is a change for tax year 2021 where the name has changed from column 248 to 288.

Since in all the files generated, the name starts in column 248, it needs an update for this change and reflected in IRS.

27.3.2.2 Description

Field position definition/position is changed from 248 to 288 in output_file_record_details.dat package as per the latest tax form and the new file is generated successfully with proper data in ASCII.

Following table has format change details taken up in OFSLL.

Note the following:

- Only modified/specific fields are listed.
- Coloured fields indicate the changes in field definition/position.

Issuer "A" Record						
Old Format				New Format		
Start Position	End Position	Field Title	Length	Field Position	Field Title	Length
1	1	RECORD TYPE	1	1	Record Type	1
2	5	PAYMENT YEAR	4	2-5	Payment Year	4
6	11	BLANK1	6	6	Combined Federal/ State Filing Program	1
				7-11	Blank	5

Issuer "A" Record						
Old Format				New Format		
Start Position	End Position	Field Title	Length	Field Position	Field Title	Length
12	20	PAYERS TIN	9	12-20	Issuers Taxpayer Identification Number (TIN)	9
21	24	PAYER NAME CONTROL	4	21-24	Issuer Name Control	4
25	25	LAST FILING INDICATOR	1	25	Last Filing Indicator	1
26	26	COMBINED FEDERAL STATE FILER	1	26-27	Type of Return	2
27	27	TYPE OF RETURN	1			
28	41	AMOUNT CODES	14	28-45	Amount Codes	18
42	51	BLANK2	10	46-51	Blank	6
52	52	FOREIGN ENTITY INDICATOR	1	52	Foreign Entity Indicator	1
53	92	FIRST PAYER NAME LINE	40	53-92	First Issuer Name Line	40
93	132	SECOND PAYER NAME LINE	40	93-132	Second Issuer Name Line	40
133	133	TRANSFER AGENT INDICATOR	1	133	Transfer Agent Indicator	1
134	173	PAYER SHIPPING ADDRESS	40	134-173	Issuer Shipping Address	40
174	213	PAYER CITY	40	174-213	Issuer City	40
214	215	PAYER STATE	2	214-215	Issuer State	2
216	224	PAYER ZIP CODE	9	216-224	Issuer ZIP Code	9

Issuer "A" Record						
Old Format				New Format		
Start Position	End Position	Field Title	Length	Field Position	Field Title	Length
225	239	PAYER PHONE NUMBER AND EXTN	15	225-239	Issuer Telephone Number & Extension	15
240	479	BLANK3	240	240-499	Blank	260
480	499	BLANK4	20			
500	507	RECORD SEQUENCE NUMBER	8	500-507	Record Sequence Number	8
508	727	BLANK5	220	508-748	Blank	241
728	748	BLANK6	21			
749	750	BLANK7	2	749-750	Blank	2

27.3.2.3 Seed Data

#	TABLE	KEY DATA	TYPE
1	output_file_record_details	FORM_1098 2 COMBINED FEDERAL/STATE FILING PROGRAM 3 3 VARCHAR2 UNDEFINED 1 3 FORM_1098 2 BLANK1 4 4 VARCHAR2 UNDEFINED 5 4 FORM_1098 2 ISSUERS TAXPAYER IDENTIFICATION NUMBER (TIN) 5 5 VARCHAR2 UNDEFINED 9 5 FORM_1098 2 ISSUER NAME CONTROL 6 6 VARCHAR2 UNDEFINED 4 6 FORM_1098 2 LAST FILING INDICATOR 7 7 VARCHAR2 UNDEFINED 1 7 FORM_1098 2 TYPE OF RETURN 8 8 VARCHAR2 UNDEFINED 2 8 FORM_1098 2 AMOUNT CODES 9 9 VARCHAR2 UNDEFINED 18 9 FORM_1098 2 BLANK2 10 10 VARCHAR2 UNDEFINED 6 10 FORM_1098 2 FOREIGN ENTITY INDICATOR 11 11 NUMBER UNDEFINED 1 11 FORM_1098 2 FIRST ISSUER NAME LINE 12 12 VARCHAR2 UNDEFINED 40 12 FORM_1098 2 SECOND ISSUER NAME LINE 13 13 VARCHAR2 UNDEFINED 40 13 FORM_1098 2 TRANSFER AGENT INDICATOR 14 14 VARCHAR2 UNDEFINED 1 14	UPDATE

#	TABLE	KEY DATA	TYPE
		FORM_1098 2 ISSUER SHIPPING ADDRESS 15 15 VARCHAR2 UNDEFINED 40 15 FORM_1098 2 ISSUER CITY 16 16 VARCHAR2 UNDEFINED 40 16 FORM_1098 2 ISSUER STATE 17 17 VARCHAR2 UNDEFINED 2 17 FORM_1098 2 ISSUER ZIP CODE 18 18 VARCHAR2 UNDEFINED 9 18 FORM_1098 2 ISSUER TELEPHONE NUMBER AND EXTN 19 19 VARCHAR2 UNDEFINED 15 19 FORM_1098 2 BLANK3 20 20 VARCHAR2 UNDEFINED 24 20 FORM_1098 2 BLANK4 21 21 VARCHAR2 UNDEFINED 20 21 FORM_1098 2 RECORD SEQUENCE NUMBER 22 22 NUMBER UNDEFINED 8 22 FORM_1098 2 BLANK5 23 23 VARCHAR2 UNDEFINED 220 23 FORM_1098 2 BLANK6 24 24 VARCHAR2 UNDEFINED 21 24 FORM_1098 2 BLANK7 25 25 VARCHAR2 UNDEFINED 2 25 FORM_1098 3 PAYMENT AMOUNT H 25 25 NUMBER UNDEFINED 12 25 FORM_1098 3 PAYMENT AMOUNT J 26 26 NUMBER UNDEFINED 12 26 FORM_1098 3 BLANK2 27 27 VARCHAR2 UNDEFINED 16 27 FORM_1098 3 FOREIGN COUNTRY INDICATOR 28 28 NUMBER UNDEFINED 1 28 FORM_1098 3 FIRST PAYEE NAME LINE 29 29 VARCHAR2 UNDEFINED 40 29 FORM_1098 3 SECOND PAYEE NAME LINE 30 30 VARCHAR2 UNDEFINED 40 30 FORM_1098 3 PAYEE MAILING ADDRESS 31 31 VARCHAR2 UNDEFINED 40 31 FORM_1098 3 BLANK3 32 32 VARCHAR2 UNDEFINED 40 32 FORM_1098 3 PAYEE CITY 33 33 VARCHAR2 UNDEFINED 40 33 FORM_1098 3 PAYEE STATE 34 34 VARCHAR2 UNDEFINED 2 34 FORM_1098 3 PAYEE ZIP CODE 35 35 VARCHAR2 UNDEFINED 9 35 FORM_1098 3 BLANK4 36 36 VARCHAR2 UNDEFINED 1 36 FORM_1098 3 RECORD SEQUENCE NUMBER 37 37 NUMBER UNDEFINED 8 37 FORM_1098 3 BLANK5 38 38 VARCHAR2 UNDEFINED 36 38 FORM_1098 3 MORTGAGE ORIGINATION DATE 39 39 VARCHAR2 UNDEFINED 8 39 FORM_1098 3 PROPERTY SECURING MORTGAGE INDICATOR 40 40 VARCHAR2 UNDEFINED 1 40 FORM_1098 4 CONTROL TOTAL F 18 18 NUMBER UNDEFINED 18 18 FORM_1098 4 CONTROL TOTAL G 19 19 NUMBER UNDEFINED 18 19 FORM_1098 4 CONTROL TOTAL H 20 20 NUMBER UNDEFINED 18 20 FORM_1098 4 CONTROL TOTAL J 21 21 NUMBER UNDEFINED 18 21 FORM_1098 4 BLANK2 22 22 VARCHAR2 UNDEFINED 160 22	

#	TABLE	KEY DATA	TYPE
2	output_file_record_details	FORM_1098 3 PROPERTY ADDRESS OR DESCRIPTION SECURING MORTGAGE 41 41 VARCHAR2 UNDEFINED 39 41 FORM_1098 3 OTHER 42 42 VARCHAR2 UNDEFINED 39 42 FORM_1098 3 BLANK6 43 43 VARCHAR2 UNDEFINED 39 43 FORM_1098 3 NUMBER OF MORTGAGED PROPERTIES 44 44 VARCHAR2 UNDEFINED 4 44 FORM_1098 3 SPECIAL DATA ENTRIES 45 45 VARCHAR2 UNDEFINED 49 45 FORM_1098 3 MORTGAGE ACQUISITION DATE 46 46 VARCHAR2 UNDEFINED 8 46 FORM_1098 3 BLANK7 47 47 VARCHAR2 UNDEFINED 18 47 FORM_1098 3 BLANK8 48 48 VARCHAR2 UNDEFINED 2 48 FORM_1098 4 RECORD SEQUENCE NUMBER 23 23 NUMBER UNDEFINED 8 23 FORM_1098 4 BLANK3 24 24 VARCHAR2 UNDEFINED 220 24 FORM_1098 4 BLANK4 25 25 VARCHAR2 UNDEFINED 21 25 FORM_1098 4 BLANK5 26 26 VARCHAR2 UNDEFINED 2 26	INSERT

27.4 Forward Ported Issues/Fixes to 14.12.0.0.11

Below Issues/Fixes are categorized based on specific version it was addressed.

27.4.1 Forward Ported Issues/Fixes from 14.4 PS46 Patch Release

Bug Id	Bug Description	Fix Description
34097580	SR: 3-29265220901 Not able to post Involuntary repo on SCRA accounts.	Fix has been provided such that, 1. Parameter 'ALLOW ON ACTIVE MILITARY DUTY FOR VOLUNTARY REPO/BKRP' is renamed to ALLOW ON ACTIVE MILITARY DUTY FOR REPO/BKRP. 2. When posting ACCOUNT NOTIFICATION transaction for event type - 'IN-VOLUNTARY REPOSESSION', below is the updated behaviour: i) ALLOW ON ACTIVE MILITARY DUTY FOR REPO/BKRP - Yes - Transaction posted successfully. ii) ALLOW ON ACTIVE MILITARY DUTY FOR REPO/BKRP - No- Error thrown - 'Repo/Foreclosure not allowed while account is ON ACTIVE MILITARY DUTY'

27.4.2 Forward Ported Issues/Fixes from 14.5 PS20 Patch Release

Bug Id	Bug Description	Fix Description
34097567	<p>SR: 3-29320203981</p> <p>The Internal Revenue Service (IRS) rejected all the 1098 data files from OFSLL this year. It was mentioned that there is a change for tax year 2021 where the name has changed from column 248 to 288.</p> <p>Since in all the files generated, the name starts in column 248, it needs an update for this change and reflected in IRS.</p>	<p>Field definition/position is changed from 248 to 288 in output_file_record_details.dat package as per the latest tax form and the new file is generated successfully with proper data.</p> <p>Refer to enhancement section for detailed information.</p>

27.4.3 Forward Ported Issues/Fixes from 14.6 PS15 Patch Release

Bug Id	Bug Description	Fix Description
35077233	<p>SR: 3-32019352053</p> <p>The Payment rating code by default is stamped as '0' and is not getting modified based on the Delinquency days.</p>	<p>Fix has been provided with code changes to call the procedure compute_dlq_details to update the Payment Rating code while running Accrual batch job.</p>

27.4.4 Forward Ported Issues/Fixes from 14.8 PS25 Patch Release

Bug Id	Bug Description	Fix Description
34485501	<p>SR: 3-30345857531</p> <p>Auto populate of Vendor Allocation to Work Order is not happening as per suggested Allocation.</p>	<p>Fix has been provided such that system picks the vendor based on the allocation percentage.</p>

27.4.5 Forward Ported Issues/Fixes from 14.8 PS24 Patch Release

Bug Id	Bug Description	Fix Description
33991881	<p>Some accounts are not billing in February month since in case of Lease Advance method, having first due in February and prebill days equal to 28, the 'acc_ddt_run_dt_next' will remain the same for 2 consecutive months.</p>	<p>Fix has been provided, in system to allow generating two bills on the same day. For accounts which are not getting billed in February month.</p>

Bug Id	Bug Description	Fix Description
34153354	<p>SR: 3-29377436561</p> <p>RDNVNA_BJ_100_01 is showing errors in 14.8 and we need to make sure all 14.4 code was forward ported to 14.8.</p> <p>Batch Job Error - SET-GRI - Automatic Reassignment-</p> <p>Ora Error Msg: ORA-01722: Invalid number</p> <p>Error in: rdnvna_em_100_01.prc_ven_reassign</p> <p>Ora Error Msg : ORA-01422: exact fetch returns more than requested number of rows</p> <p>Context: Error in: rdnvna_em_100_01.prc_ven_reassign</p>	<p>Fix provided for the below scenario:</p> <ol style="list-style-type: none"> 1. The Vendor Assignment is going for a cartesian join, so modified the query. 2. Added code to fix the DB issues in RDNVNA_BJ_100_01 batch job.

27.4.6 Forward Ported Issues/Fixes from 14.10 PS15 Patch Release

Bug Id	Bug Description	Fix Description
33859983	<p>SR: 3-28571207321</p> <p>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.</p>	<p>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.</p>
33894276	<p>SR: 3-28720049471</p> <p>On performing trade reversal, the underlying asset status on the source account is not changing from inactive to active status.</p>	<p>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.</p>
34067214	<p>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.</p>	<p>Fix has been provided by modifying the code 'TXN_SEQNUM.NEXTVAL' to cmnseq_cl_000_01.NxtVal(TXN,iv_acc_rec.acc_aad_id).</p>
33912810	<p>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.</p>	<p>Fix has been provided such that, seed data has been updated for txn_codes. Now system is loading the seed data properly.</p>
33889340	<p>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".</p>	<p>Fix has been provided such that additional debugs & exception handles were added to capture the exact errors for the scenario.</p>

27.4.7 Forward Ported Issues/Fixes from 14.10 PS16 Patch Release

Bug Id	Bug Description	Fix Description
34251385	SR: 3-29700200301 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.

27.4.8 Forward Ported Issues/Fixes from 14.10 PS17 Patch Release

Bug Id	Bug Description	Fix Description
34312498	SR: 3-29934311531 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.
34280063	SR: 3-29760452621 OFSL 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.

27.4.9 Forward Ported Issues/Fixes from 14.10 PS18 Patch Release

Bug Id	Bug Description	Fix Description
34336488	SR: 3-29996885561 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.
34354277	SR: 3-30049257101 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 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.

Bug Id	Bug Description	Fix Description
31891124	SR: 3-24025602831 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.
32921585	SR: 3-25937025758 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.

27.4.10 Forward Ported Issues/Fixes from 14.10 PS20 Patch Release

Bug Id	Bug Description	Fix Description
34487134	SR: 3-30346869503 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. Note: It is required to run the SET-ACR batch job post data fix script to populate other due fields correctly.

27.4.11 Forward Ported Issues/Fixes from 14.10 PS21 Patch Release

Bug Id	Bug Description	Fix Description
34449932	SR: 3-30255451221 OFSL-PRD, Bug in the Job Scheduler-Next Run Date Incorrect update. Noticed bug in the job scheduler with the next run date. If there is failure 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 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.

Bug Id	Bug Description	Fix Description
34634033	SR: 3-30661791891 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 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). 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.
34651150	SR: 3-30748223052 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. 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.
34672614	SR: 3-30828369731 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.
34676366	SR: 3-30835443571 The new metro II Past Due is being reported 0 for delinquent accounts. The pattern noticed is all these accounts have special comment code of AW.	Currently, Amount Due hardcoded as '0' if special comment = AW Fix has been provided by removing the hardcoded value '0', as per the latest metro2 guidelines.

27.4.12 Forward Ported Issues/Fixes from 14.10 PS22 Patch Release

Bug Id	Bug Description	Fix Description
34793582	SR: 3-31224562071 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.

Bug Id	Bug Description	Fix Description
34793708	<p>SR: 3-31222982451</p> <p>In production environment there are discrepancies noticed in Reschedule Bill Cycle Transaction.</p> <p>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.</p>	<p>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.</p>

27.4.13 Forward Ported Issues/Fixes from 14.8 PS21 Patch Release

Bug Id	Bug Description	Fix Description
33722202	<p>SR: 3-29101706001</p> <p>The 'Date of Account' information field (MET_BASE_BILLING_DT) is updated wrong date (i.e.GL date) for voided accounts.</p>	<p>Fix has been provided with package level changes to update the MET_BASE_BILLING_DT to 'sysdate'.</p>
33547978	<p>SR: 3-27633180801</p> <p>Accounts with customers marked as deceased; customer information is not visible in summary tab</p>	<p>Fix has been provided such that, Account will display Customer Information for all Customers in 'Summary >> Customer Information' section, even when Customer is Deceased.</p> <p>And not changed any existing flow in 'Customer Details >> Customer Information' section.</p>
33553702	<p>SR: 3-27633572161</p> <p>When show all for multiple accounts is selected. If user enters in comments or call activities in the first account opened through customer service search screen and then clicks on a linked account shown in the show all list and add a call activity to the second account using the right panel the comment/call activity is posted in the 1st account and not in the second account.</p>	<p>Fix has been provided such that, the Comment / Call Activity posted through the right panel is posted to the relevant Accounts.</p>
33371055	<p>SR: 3-27059487231</p> <p>Bureau tab SSN mismatch indicator non-functional.</p>	<p>Fix has been provided such that, when SSN or birth date doesn't match the result from the Bureau, system highlights these fields in Red.</p>

Bug Id	Bug Description	Fix Description
33525260	SR: 3-27531791371 Unable to report a co-buyer correctly on acct A if the customer is primary on acct B.	Fix has been provided such that, CAR_CRB_ECOA_CD was updating for all the accounts for which the customer is associated, however now system will update only for the account on which the change is posted.
33542912	SR: 3-27576114621 Access History does not capture a user access for the account from the Show All Radio Button for associate.	Fix has been provided such that, system captures the ACCESS HISTORY for Associate Account which was selected from Show All Radio Button.
33165687	SR: 3-26570868042 The "Due Date Change" transaction is failing with error. Numeric or value error: character string buffer too.	Fix has been provided, to increase the column length. Now able to post the "Due Date Change" transaction without error.

27.4.14 Forward Ported Issues/Fixes from 14.6 PS13 Patch Release

Bug Id	Bug Description	Fix Description
32522904	SR: 3-25182395541 For an account under maintenance, on selecting the option of the transaction to deceased, system displays an error message.	Fix has been provided by handling the exception from backend code.
33187447	SR: 3-26618933503 In Metro II, system captures only five (5) digits in Header section where as the Header must contain 10 characters for Equifax account number.	Fix has been provided such that, Metro II output file header contains same value for Program Identifier as configured for EFX bureau.
33617642	SR: 3-27844990671 According to Metro II Revisions to Credit Reporting Resource Guide –April 2021 the field on the Base Segment “Terms Duration” clarified the reporting when term is extended.	Fix has been provided by adding extended term to consider in metro II data generation and UI change to show revised term.
33404337	SR: 3-27124938361 System displays an error tnmacc_en_100_01.acc_processing error when hit POST in the Maintain Credit Bureau Payment Rating transaction for the accounts.	Fix has been provided, while deriving the index rating the due date for payment rating was taken as contract date by default. If the contract date was 31st, code failed for even number of months. The code has been fixed to consider the last day of every month in case the due date is 31st.

27.4.15 Forward Ported Issues/Fixes from 14.5 PS19 Patch Release

Bug Id	Bug Description	Fix Description
33642748	SR: 3-27895694951 Some accounts are not picked-up by the Create Payable Requisitions batch job during processing and accounts are not showing the escrow transactions.	Fix has been provided by adding additional debugs and added the exception handling for the select statements under tesdsb_en_111_02.
33599547	SR: 3-27762133701 It is noticed that in multiple accounts the escrow details are not being setup correctly when the account moves over from the origination.	The fix has been provided such that the cursor that copies all the escrow related transactions from origination to funding has been corrected to copy all the escrow transactions.
33461202	SR: 3-27319766551 The loan Amount calculated in Tools Loan Calculator and Amortization Report is not correct and creates an issue if the Financed Fees are part of the loan.	Fix has been provided such that a Display Field 'Principal Balance' is added in UI from Tools > Loan Calculator. Also the Field calculation logic is: Actual Loan Amount + Fees (if any) = Principal Balance.

27.4.16 Forward Ported Issues/Fixes from 14.10 PS12 Patch Release

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 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 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.
33582823	SR: 3-27716336281 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.

Bug Id	Bug Description	Fix Description
33556322	SR: 3-27648278351 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.
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.
33393581	SR: 3-27136440171 Account Condition Table - update timestamp issue.	Fix has been provided such that now Account condition table is getting updated properly.
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	<p>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.</p>	<p>Following four changes are done to resolve the performance issue:</p> <p>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.</p> <p>Introduced following two batch jobs to segregate and handle the processes separately:</p> <ol style="list-style-type: none"> 1. GLIPRC_BJ_100_02 - GL SUMMARIZATION TXN 2. GLIPRC_BJ_100_03 - GL SUMMARIZATION PAL <p>However, note that:</p> <ul style="list-style-type: none"> • To run on single thread mode, user need to disable GLIPRC_BJ_100_02 and GLIPRC_BJ_100_03. • If the process has to be run on multiple thread, then user need to enable the above and disable GLIPRC_BJ_100_01. • 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. • 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. <p>2) Included QCC/QCS issue code changes. If any of company maintenance flag value is Y then BJ will not process any records.</p> <p>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:</p>
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Bug Id	Bug Description	Fix Description
		<ol style="list-style-type: none"> 1. Create a temporary table taking the records from EVENT_ENTITIES where status is not equal to CRITERIA_NOT_MET. 2. Truncate EVENT_ENTITIES table. 3. Reload Event_entities table from the temporary table. 4. Drop Temporary Table. <p>4) The itrpc_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.</p>
33654895	<p>SR: 3-27946209131</p> <p>Once a condition is created and closed user is not able to create the event again and also those events are not triggering.</p>	<p>Fix has been provided by adding the missing event triggers while re-enabling the condition.</p>
33639605	<p>Itemization queries are taking more time during CUP process creating performance issues.</p>	<p>Fix has been provided by fine tuning the below process:</p> <ul style="list-style-type: none"> • Total Itemization • Group Itemization

27.5 Forward Ported Issues/Fixes to 14.12.0.0.13

Below Issues/Fixes are categorized based on specific version it was addressed.

27.5.1 Forward Ported Issues/Fixes from 14.10 PS23 Patch Release

Bug Id	Bug Description	Fix Description
34895911	SR: 3-31541190401 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.

27.5.2 Forward Ported Issues/Fixes from 14.8 PS24 Patch Release

Bug Id	Bug Description	Fix Description
32644842	SR: 3-25429240671 Account is showing a 30-day delinquency in the delinquency information section of the summary page but was not 30 days late. The account had a due date change and a two-month extension was causing the account to be late, but it was not.	Fix has been provided for correct calculation of delinquency counters while posting the Current dated/backdated extension/extension override transaction.

27.5.3 Forward Ported Issues/Fixes from 14.10 PS14 Patch Release

Bug Id	Bug Description	Fix Description
33575228	SR: 3-27707277151 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.

27.5.4 Forward Ported Issues/Fixes from 14.8 PS21 Patch Release

Bug Id	Bug Description	Fix Description
33141676	<p>SR: 3-26511899221</p> <p>When a customer with a balloon loan (and an interest rate greater than 6% SCRA rate) qualifies for SCRA protection and benefits then the account must receive an interest reduction and lower pmt for the duration of coverage and protection. The recalculation options in OFSLL are for outstanding balance and term or contract balance and term but there appears no way to consider the unequal pmts of a balloon loan when recalculating the monthly instalments. The repayment schedule gets updated incorrectly for Borrower on SCRA and Borrower off SCRA transactions.</p> <p>The expectation is to retain the balloon loan amount i.e. do not consider balloon loan amount while re-calculating the revised payment amount with the SCRA rate of interest; only consider the outstanding balance (minus the balloon amount set during the on boarding / funding) and post the revised payment amount on the account applicable as per the remainder of the loan term.</p> <p>The original repayment schedule and the new repayment schedule calculated by the system after posting the 'Borrower on Military Duty' maintenance transaction should only differ on the monthly payment amount with the balloon amount remaining intact as before.</p>	<p>To support the retention of Balloon loan amount after posting the 'Borrower on Military Duty' transaction, we introduced 2 more look-up codes under the same lookup type as below:</p> <p>OUTSTN_BAL_TERM_RETAIN_BALLOON CNTRCT_BAL_TERM_RETAIN_BALLOON</p>

27.5.5 Forward Ported Issues/Fixes from 14.10 PS12 Patch Release

Bug Id	Bug Description	Fix Description
33597732	<p>SR: 3-27770662311</p> <p>Field AAC_PMT_MODE_CD not defined as part of API_ACH_LOAN_EXT external table, but is part of seed data</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
33345565	SR: 3-26919850301 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.

27.6 Forward Ported Enhancements to 14.12.0.0.14

The section below gives an overview of enhancements in tabular format and are categorized based on specific version it was developed. The sub sections below explain each enhancement in detail.

27.6.1 Forward Ported Enhancements from 14.8 PS28 Patch Release

Ref No.	Enhancement	Description
35107178	Unable to update SCRA status on co-borrower or co-signer	Provided a new configuration to maintain the relations based on the business needs.
34880050	The Lease Due Date is not getting advanced to future due date.	Enhanced the system to support 'Excess payment' for 'Rent Factor' Type leases.

27.6.2 SCRA Status on Co-Borrower Or Co-Signer

27.6.2.1 Overview

On posting a borrower on or off military duty for customer relation other than Primary, Spouse, or secondary relation, system stops and does not post the transaction.

As part of this change, provided a configuration to maintain the list of accepted relations according to the business needs.

27.6.2.2 Description

Following changes are applicable only for Loan and Lease products.

Changes in Setup > Lookup

Provided a new lookup BORROWER_RELATION_TYPE_CD - BORROWER RELATION TYPE (SCRA allowed relations) which contains the following relations.

- 'PRIM, SPOUSE, and 2NDRY'

Changes in Setup > User defined tables

Updated the INP_BMP_TXN > TXN_RELATION_TYPE_CD, UDT attribute seed data with above new lookup:

- Old lookup type: TXN_RELATION_TYPE_CD

- New lookup type: BORROWER_RELATION_TYPE_CD

Changes in transaction posting

- While posting any of following transactions, system checks for existing relations maintained in the new lookup instead of hardcoded relations 'PRIM, SPOUSE, and 2NDRY'
 - CUST_ON_MLTRY_DUTY
 - CUST_ON_MLTRY_DUTY_LS
 - CUST_OFF_MLTRY_DUTY and
 - CUST_OFF_MLTRY_DUTY_LS
- Existing other validations will remain same
- If selected customer relation is not available on the account, system displays an error indicating 'no relation exists on the account'.
- The same is applicable for Web Services also.

27.6.2.3 Seed Data

#	Table	Key Data	Type
1	LOOKUPS	BORROWER_RELATION_TYPE_CD 2NDRY	Insert
2	LOOKUPS	BORROWER_RELATION_TYPE_CD PRIM	Insert
3	LOOKUPS	BORROWER_RELATION_TYPE_CD SPOUSE	Insert
4	FLEX_TABLE_ATTRIBUTES	INP_BMP_TXN TXN_RELATION_TYPE_CD	Update

27.6.3 'Excess Payment' Handling for Rent Factor Lease

27.6.3.1 Overview

System does not support to advance the Lease Due Date to future due date.

The existing system parameter "TPE_EXCESS_PAYMENT_TO_MEMO" is extended for Lease to support 'Memo Payment'.

27.6.3.2 Description

The system parameter is set to 'Y' (REDRAW > System parameter value 'N' is not applicable for Lease).

Change Details

- If customer makes payment prior to the billing and there is no past due, then system allocates the payment to Memo (system treats as excess amount paid).
- If customers makes excess payment after the billing, then system first allocates the due bucket and then the excess amount will be allocated to the Memo payment.
- In both the above scenario, system allocates Memo amount to the account by posting "Memo Payment" transaction at the time of DDT process. Till that time system stores this amount in MEMO_EXCESS_AMT field.
- There is no Rent rebate involved due to Memo Payment.

- If Lease is terminated prematurely (i.e. before maturity date) and there's still amount in ACC_AMT_PD_IN_EXCESS column i.e. amount waiting to be applied, system generates the credit refund and generate the AP transaction.
 - Note, in the case, if the user purchases the asset during the termination, bank is expected to collect the buyout amount outside OFSLL.
- System includes the Memo Payment Balance the Payoff Quote Lease to show the final amount payable.

27.6.3.3 Seed Data

NA

27.6.4 Forward Ported Enhancements from 14.10 PS27 Patch Release

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.

27.6.5 Non-Auto Rebate reporting Changes

27.6.5.1 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.

27.6.5.2 Description

Setup / Configuration Changes

- Introduced a new set of fields to Insurance as follows. These fields can be updated using the Script & transactions only.
 - **'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
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 Bill it for 425	500 > 425 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
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Include in Payoff Quote	Yes	No Changes
	No	Exclude it from the Payoff and report the current balance

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

27.6.5.3 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

27.7 Forward Ported Issues/Fixes to 14.12.0.0.14

Below Issues/Fixes are categorized based on specific version it was addressed.

27.7.1 Forward Ported Issues/Fixes from 14.10 PS25 Patch Release

Bug Id	Bug Description	Fix Description
34949361	<p>SR: 3-31731002281</p> <p>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.</p>	<p>Fix has been provided with code changes to populate ACC_CRB_FIRST_DLQ_DT (DOFD) correctly and proceed with credit bureau reporting.</p>

27.7.2 Forward Ported Issues/Fixes from 14.8 PS29 Patch Release

Bug Id	Bug Description	Fix Description
35702655	<p>SR:3-33911169521</p> <p>System does not stamp the time along with date in alert.log.</p> <p>After adding the debug under cmncon_cl_000_01, system started writing the time stamp in the debug but on removing the debug, it stopped writing the time stamp.</p>	<p>Fix has been provided with code changes to fetch the date time value properly for region and company codes.</p>
35530549	<p>SR:3-32944081081</p> <p>The online event to close a condition on account gives many errors specifically when an Address is changed.</p>	<p>Fix has been provided by adding a Event Action > Value Type > USER INPUT. This can be used where the value of the parameter needs to be decided by user to execute Event Actions and are not derived or constant.</p> <p>Event user inputs can be provided using Customer Service > Pending Event Actions.</p>
35399497	<p>SR:3-33082683291</p> <p>After posting Post borrower on SCRA in Transaction history > Repayment Schedule, the balloon amount is not retained.</p>	<p>Fix has been provided by modifying seed data default value from OUTSTANDING_BAL_TERM to OUTSTN_BAL_TERM_RETAIN_BALLOON to retain balloon amount and show outstanding term and amount in repayment schedule.</p>
35556615	<p>SR:3-33544607561</p> <p>The Credit balance created on an account by posting payments after a charge off condition was applied is not displaying correctly on the Balances tab.</p>	<p>Fix has been provided by removing ACC_STATUS_CD <> 'CHGOFF' condition from the view which is not relevant to resolve the issue.</p>

Bug Id	Bug Description	Fix Description
35659379	SR:3-33829869601 In Customer Service > Transaction history > Balances tab, the labels for "Total" is not updating/changing when we transition through the Radio Buttons.	Fix has been provided by adding partial trigger of Balance Group in AccountBalanceMain.jsff to refresh the Total label so that it gets updated upon selecting the "Balance Group" radio button for "YTD" – Txn Period.

27.7.3 Forward Ported Issues/Fixes from 14.5 PS19 Patch Release

Bug Id	Bug Description	Fix Description
33014772	SR: 3-26225397311 System does not allow to re-utilize the same ASSET to finance a different account even if the earlier loan on the ASSET was completely paid off.	Code fix has been given to re-utilize the same ASSET to finance a different account, if the asset status is not "ACTIVE". Also system does not trigger the edit 'DUPLICATE: ASSET IDENTIFICATION NUMBER' while processing.

27.7.4 Forward Ported Issues/Fixes from 14.4 PS46 Patch Release

Bug Id	Bug Description	Fix Description
34076235	SR: 3-29254878581 Date of First Delinquency on some accounts changed to repo date when account is manually closed (not paid off), OFSLL considers the account current and populates repo date as DOFD Manual close also causes inconsistencies with Payment Rating, PHP DOFD should not be update when a delinquent account is closed.	Fix has been provided such that, If account is 61 and Current while Repo = system should report REPO date. If account is 61 and 'Delq' while Repo = system should report oldest due date.

27.7.5 Forward Ported Issues/Fixes from 14.8 PS21 Patch Release

Bug Id	Bug Description	Fix Description
33141676	<p>SR: 3-26511899221</p> <p>When a customer with a balloon loan (and an interest rate greater than 6% SCRA rate) qualifies for SCRA protection and benefits then the account must receive an interest reduction and lower pmt for the duration of coverage and protection. The recalculation options in OFSLL are for outstanding balance and term or contract balance and term but there appears no way to consider the unequal pmts of a balloon loan when recalculating the monthly instalments. The repayment schedule gets updated incorrectly for Borrower on SCRA and Borrower off SCRA transactions.</p> <p>The expectation is to retain the balloon loan amount i.e. do not consider balloon loan amount while re-calculating the revised payment amount with the SCRA rate of interest; only consider the outstanding balance (minus the balloon amount set during the on boarding / funding) and post the revised payment amount on the account applicable as per the remainder of the loan term.</p> <p>The original repayment schedule and the new repayment schedule calculated by the system after posting the 'Borrower on Military Duty' maintenance transaction should only differ on the monthly payment amount with the balloon amount remaining intact as before.</p>	<p>To support the retention of Balloon loan amount after posting the 'Borrower on Military Duty' transaction, we introduced 2 more look-up codes under the same lookup type as below:</p> <p>OUTSTN_BAL_TERM_RETAIN_BALLOON</p> <p>CNTRCT_BAL_TERM_RETAIN_BALLOON</p>

27.7.6 Forward Ported Issues/Fixes from 14.10 PS12 Patch Release

Bug Id	Bug Description	Fix Description
33597732	<p>SR: 3-27770662311</p> <p>Field AAC_PMT_MODE_CD not defined as part of API_ACH_LOAN_EXT external table, but is part of seed data</p>	<p>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.</p>
33345565	<p>SR: 3-26919850301</p> <p>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.</p>	<p>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.</p>

27.7.7 Forward Ported Issues/Fixes from 14.6 PS16 Patch Release

Bug Id	Bug Description	Fix Description
35285977	<p>SR:3-32436057191</p> <p>On bulk upload of Interest Adjust Subtract transaction on several accounts, user is not able to see the transaction after the upload. Also system does not display any error.</p> <p>This may occur because of no Interest balance left on the account. But however, even If there is no balance, system should display an error message.</p>	<p>Fix has been provided such that if the transaction amount is greater than the balance amount, transaction is cancelled and error log is generated with relevant error message like "Transaction Amount is greater than the Outstanding balance. Please correct and repost (SYS-SYS-SYS-UNDEFINED-001724)".</p> <p>Note that posting IND_ADJ_MINUS transaction greater than balance amount will reject the transaction.</p>
35445364	<p>SR:3-33190828921</p> <p>In Customer Service > Correspondence tab, system does not allow to modify Error Message while adding Correspondence for Account with Stop Correspondence Indicator is set as Y.</p>	<p>Since the correspondence error message was hardcoded, it is not provisioned to edit error message text.</p> <p>Fix has been provided such that the error is configured in translation data and will be available in error message screen to edit error message text and make it reference to stop correspondence.</p>
35359967	<p>SR:3-32866441021</p> <p>For accounts having SAC (SAME AS CASH) promotion type, the term is not showing properly in Summary Screen > Account Information tab after reversing and re-posting extension override transaction.</p>	<p>Fix has been provided with code changes to bring the term value properly when reverse and re-post when extension override posted for an account.</p>
35471101 Regulator y/Process	<p>SR:3-33269529641</p> <p>System continues to report Charge Off Accounts with Account Status 64 which are already closed and 5 months old. Ideally as per Metro II Guidelines, this need not be reported.</p>	<p>As per Metro II Guidelines, all accounts paid with account status: 13 and 61-65 should be reported only for 3 months. Hence fix has been provided with a logic to report the account to Metro II only for 3 months if the ACC_CRB_STATUS_CD is in status 13,61,62,63,64,65.</p>

27.7.8 Forward Ported Issues/Fixes from 14.8 PS28 Patch Release

Bug Id	Bug Description	Fix Description
35486907	<p>SR:3-33354095221</p> <p>While posting RESCHEDULE_BILL_CYCLE transaction in web service, there is an error noted with response code 500.</p>	<p>Fix has been provided with code changes to post RESCHEDULE_BILL_CYCLE transaction.</p>
35469467	<p>SR:3-33307987301</p> <p>The balances tab is not loading properly when on clicking Transaction History tab.</p>	<p>Fix has been provided with code changes so that while selecting other accounts, row creation will happen properly and populate the balance details.</p>

Bug Id	Bug Description	Fix Description
35297916	SR:3-32764444231 The system is showing incorrect response status code as 201 for web service failure response whereas correct response status code is 400 for bad request.	Fix has been provided with code changes to show the response code depending on the status of the service.
35362212	SR:3-32943870581 Issue 1: There is an error noted in 'cmndat_cl_000_01.add_mnth' when posting TERMINATE transaction from maintenance screen for lease accounts. Issue 2: Another error noted is Payment posting is failing with error message: 'CMNDAT_CL_000_01.ADD_MNTHS'. Issue 3: Unable to post TERMINATE. Following Error message is noted as: 'Termination not allowed on account, update Early Termination Parameters.'	Fix 1: Fix has been provided such that if the first payment date is not available, system calculates the oldest due date by checking all the five due buckets like acc_due_dt5, acc_due_dt4, acc_due_dt3, acc_due_dt2, and acc_due_dt1. Otherwise, it will take ACC_DUE_DT_OLDEST column value from the accounts table and process the termination. Fix 2: Fix has been provided by removing explicit INT balance calculation on Lease account. Fix 3: Fix has been provided by inclusion of ACC_TERMINATE_ALLOWED_IND_CUR column in the account table to update the script.

27.7.9 Forward Ported Issues/Fixes from 14.10 PS27 Patch Release

Bug Id	Bug Description	Fix Description
35361811	SR: 3-32878934938 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.

Bug Id	Bug Description	Fix Description
34949361	<p>SR: 3-31731002281</p> <p>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.</p>	<p>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.</p> <p>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</p> <p>Additional fix has been provided to calculate DOFD using TXN_SETTL_START_DT.</p>
35007881	<p>SR: 3-31834072291</p> <p>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.</p>	<p>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.</p> <p>Also below additional changes are done:</p> <ol style="list-style-type: none"> 1. Added a logic to compute ACC_CRB_PMT_RATING_CD and ACC_CRB_ACC_STATUS_CD during ACR run. 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. 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.
35170001	<p>SR: 3-32396019291</p> <p>During input file upload process, if PRECONV_PAYMENT_REV transaction code is uploaded, the same is posted twice indicating in summary screen.</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
35176546	SR: 3-32427468361 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. 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 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 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 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 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 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 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.
35399175	SR: 3-33073314621 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.

Bug Id	Bug Description	Fix Description
35431532	SR: 3-33180867088 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 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: <ol style="list-style-type: none"> 1. Update ACC_CRB_PMT_HISTORY_DT to April, so that cbuutil_bj_100_02 will re-populate MAY-2023 metro2 data. 2. Updates ACC_CRB_ACC_STATUS_CD, ACC_CRB_PMT_RATING_CD, and ACC_CRB_FULL_PMT_HISTORY in accounts table correctly. 3. Captures old and new values in datafix_log table.
35479047	SR: 3-33254659143 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 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.

27.8 Forward Ported Issues/Fixes to 14.12.0.0.15

Below Issues/Fixes are categorized based on specific version it was addressed.

27.8.1 Forward Ported Issues/Fixes from 14.8 PS30 Patch Release

Bug Id	Bug Description	Fix Description
35696385	SR:3-33920055261 Accounts with Due Date Change transaction posted have incorrect oldest due date since system does not update the oldest due date.	Fix has been provided with code changes to calculate ACC_DUE_DAY correctly when DDCHANGE (Due Date Change) transaction is posted.

Bug Id	Bug Description	Fix Description
36022464	SR:3-34898394601 Account On-boarding Web Services > On trying to pass an account tracking attribute through account activation, system does not allow value anything above 30 characters and displays an error. However, the field length in the database is 80 chars.	Fix has been provided by replacing MAX_LENGTH from MAX_LENGTH_EIGHTY for value attribute in TrackingAttributeType.java to resolve the issue.
35875962	SR:3-34393208551 Batch Job issue > In production, both the following batch jobs failed giving error: TXNANN_BJ_100_01 TXNRAT_BJ_100_01	Fix has been provided in respective batch job packages to handle scenario when no records are picked by the Batch job.
35879824	SR:3-34467693901 In Customer Service > Remarketing screen, on updating re-marketing status using the web service request, system doesn't update the Retargeting Change Date last field. This results in not correct historical data in the Remarketing history table.	Fix has been provided with code changes to update the date when status changes happens over the vendor work order. As a result the REM_STATUS_CHG_DT_LAST is updated correctly on updating re-marketing status through Both (UI & API).
35951422	SR:3-34653760811 Archive issue > On trying to setup the Account Archive to move Paid/Void Accounts from main tables to O tables, system displays error in ORA-01722 due to column mismatch and audit table.	The issues was due to mismatch in the criteria matching condition column which is varchar whereas actual value is number. Code fix has been provided to convert the number data to character data to satisfy the criteria and also added the missing columns. So on running PACARC_BJ_100_01 batch job in SET-PUR, system moves the data to O table without any error.
35990558	SR:3-34805679521 Metro II reporting > While updating the address information, system does not validate if mandatory field are not populated and allow even incomplete address to be processed without error. This causes blank addresses to be posted in print vendor & Metro2 credit reporting.	Fix has been provided by updating ADRAddressNbr field Required property to 'TRUE' so that if Address # is not provided while saving the record i.e. in Customer Service > Customer Information > Customer > Address > Add/Edit > Save, system displays an error.
36006905	SR:3-34864196847 In Account Boarding API, under Application Contract Details > Itemizations, the "company" field is currently limited to 30 chars which is too small. It needs to be increased to 80 chars.	Fix has been provided by replacing MAX_LENGTH from MAX_LENGTH_EIGHTY for value attribute in ItemizationType.java so support 80 characters.

Bug Id	Bug Description	Fix Description
36009475	SR:3-34864196831 In Account Boarding API, under Application Contract Details > Itemizations, the "PhoneONE" field is not populated.	Fix has been provided in the required itemization fields so that during account on boarding the field details of PhoneOne and PhoneOneExtention, under Contract tab are displayed in Account Info, Contract Information in UI.

27.8.2 Forward Ported Issues/Fixes from 14.6 PS17 Patch Release

Bug Id	Bug Description	Fix Description
35768915	SR:3-34141334582 In the Contract Information > Account Details screen, Promotion Start Date and End Date is not available.	Fix has been provided with code changes to display the End Date (ACC_PROM_END_DT) in Customer Service > Contract details > Promotion section. Note: The start date is not displayed separately since promotion can be started along with contract funding itself.
35797914	SR:3-34232659751 System does not allow user to modify and update the Customer Phone number and address and displays an error. It is noted that on trying to correct the ZIP CODE part of the physical address was removed.	Fix has been provided with code changes such that system allows to edit the address and phone number in Customer Service > Customer Details address field.

27.8.3 Forward Ported Issues/Fixes from 14.5 PS22 Patch Release

Bug Id	Bug Description	Fix Description
35044707	SR:3-32046268391 After the changes delivered in previous patch (Bug 34097567 - Support for 1098c format changes) following issues are noted: 1.1098 Type of Return is Blank (Record 2) 2. Mortgage Origination Balance field missing 3. Date of Origination Field format wrong 4. Taxes Paid column position wrong 5.Control Total Payment Column #4 is blank	Fix has been provided with following changes and verified in the generated 1098 report for Account: 1. Modified 1098 Type of Return to 3 2. Updated Mortgage Origination Balance field 3. Date of Origination Field format is changed to (YYYYMMDD) 4. Taxes Paid column position is updated 5. Control Total Payment Column #4 is updated to ZEROS
35815019	SR:3-34269768491 It is noticed that an Account which is marked for stop reporting is automatically picked-up for Metro II reporting even though there no changes done to the account.	Fix has been provided with code changes to restrict these accounts to be part of Batch Job cursor. This is a retrofit from 14.8.

27.9 Forward Ported Issues/Fixes to 14.12.0.0.16

Below Issues/Fixes are categorized based on specific version it was addressed.

27.9.1 Forward Ported Issues/Fixes from 14.10 PS28 Patch Release

Bug Id	Bug Description	Fix Description
35526085	<p>SR:3-33460072842</p> <p>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.</p>	<p>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.</p> <p>Fix has been provided with code changes in specific package so that the remaining term is calculated based on the Account acceleration date.</p>
35898648	<p>SR:3-34535232051</p> <p>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.</p>	<p>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.</p>
35822288	<p>SR:3-31731002281</p> <p>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.</p>	<p>Fix has been provided with following changes to resolve the issue:</p> <ul style="list-style-type: none"> • Added logic to determine DOFD, Payment rating and account status code correctly when TPE_DELQ_CORRECTION_BACKDATED = 'Y'. • Also added logic to populate payment rating history during ACR run post maturity to derive the payment rating and ac status cd correctly. • Added logic to determine ACC_CRB_FIRST_DLQ_DT correctly.
34949853	<p>SR:3-31741702611</p> <p>Metro II reporting > Part II of PS 27 release.</p> <p>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.</p>	<p>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.</p>

Bug Id	Bug Description	Fix Description
36180891	<p>SR:3-35413599651</p> <p>System is capturing wrong DOFD (Date of First Delinquency) in the metro file with below listed issues and due to this users are unable to proceed with METRO_II reporting.</p> <ul style="list-style-type: none"> The delinquency condition Start Date is not restored to original date when payment is to done to void/reverse. Condition history is not getting inserted when PAID OFF with write off as Y. DOFD is setting to NULL when multiple partial payments are made. 	<p>Fix has been provided with following changes to resolve the issue:</p> <ul style="list-style-type: none"> Added logic to Correctly Retrieve the oldest Delinquency Date during payment Reversal and Void. Added Code to insert into Account Condition history when account is paid off. Added logic to populate Account Delinquency Date properly. Added logic to determine ACC_CRB_FIRST_DLQ_DT and ACC_CRB_ACC_STAUTUS_CD correctly.

27.10 Forward Ported Issues/Fixes to 14.12.0.0.18

Below Issues/Fixes are categorized based on specific version it was addressed.

27.10.1 Forward Ported Issues/Fixes from 14.8 PS31 Patch Release

Bug Id	Bug Description	Fix Description
36639222	<p>SR:3-36702226041</p> <p>System does not handle null value (NVL) on reversal of any previous payment transaction i.e. in Metro II reporting, the Account Credit Bureau First Delinquency Date (ACC_CRB_FIRST_DLQ_DT) is populated as null if the same is update on TIP/PAID accounts or in Transaction Settlement Start Date (TXN_SETTL_START_DT).</p>	<p>Fix has been provided with code changes to handle null value (NVL) on TIP/PAID accounts such that on reversing a payment transaction, system populates the Transaction Settlement Start Date. If Transaction Settlement Start Date is NULL system populates Account Credit Bureau First Delinquency Date. If both have NULL value, then system populates the least value in Account Oldest Due Date (ACC_DUE_DT_OLDEST) and Account Delinquency Date (ACC_DLQ_DT).</p> <p>Also, whenever a payment is received in the system, the Transaction Settlement Start Date will hold the latest value of Account Credit Bureau First Delinquency Date.</p>

Bug Id	Bug Description	Fix Description
36639242	<p>SR: 3-36678383921</p> <p>System does not handle null value (NVL) on reversal of any previous payment transaction i.e. in Metro II reporting, the Account Credit Bureau First Delinquency Date (ACC_CRB_FIRST_DLQ_DT) is populated as null if the same is update on TIP accounts or in Transaction Settlement Start Date (TXN_SETTL_START_DT).</p>	<p>Fix has been provided with code changes to handle null value (NVL) on TIP accounts such that on reversing a payment transaction, system populates the Transaction Settlement Start Date. If Transaction Settlement Start Date is NULL system populates Account Credit Bureau First Delinquency Date. If both have NULL value, then system populates the least value in Account Oldest Due Date (ACC_DUE_DT_OLDEST) and Account Delinquency Date (ACC_DLQ_DT).</p> <p>Also, whenever a payment is received in the system, the Transaction Settlement Start Date will hold the latest value of Account Credit Bureau First Delinquency Date.</p>
36406316	<p>SR: 3-36081205411</p> <p>In Customer Service > Account Balances screen, the Lease Receivable Balance is incorrect as compared to the running balance in the transactions. This was noticed when account balance is calculated manually with the opening balance and reduced on the payments received, the number is not matching up to what is being shown in the Account Balances screen.</p>	<p>The issue was noticed while posting Adjustment transaction on account during Excess Payment Amount, there was mismatch in running balances. Code fix has been provided in respective packages such that the Transaction > Balances tab displays values appropriately during all adjustment and reversal transactions.</p>
36198636	<p>SR: 3-35466121321</p> <p>When an account has been marked as Charged-Off and Reversed at a later point, system is displaying incorrect 'running balance' on the transactions screen and the balance is different from the one on Account Balances screen. This is causing issues in servicing of accounts.</p>	<p>Since the balances were going wrong and mismatch happened after reversing the charged off account, code fix has been provided to resolve the issue. System, now shows correct running balance on Transaction screen and Account Balance screen.</p>
35618622	<p>SR:3-33671741661</p> <p>A specific account has multiple due dates for a particular month. Possible reason could be because of extension transaction posted on account caused the duplicate due buckets.</p>	<p>Fix has been provided with code changes to show the due dates properly without any duplicates in the summary screen after posting the extension for an account.</p>
36094437	<p>SR:3-35103731741</p> <p>On adding new Tracking attributes in Setup > User Defined Tables, system erases existing data. Ideally, system should not delete the existing tracking attributes since it will overwrite the existing critical data in tables.</p>	<p>Fix has been provided with code changes in ucsatk_el_100_02.pkb such that when new attributes are inserted into the table, existing attributes are not deleted.</p>

Bug Id	Bug Description	Fix Description
36161184	<p>3-35357236451</p> <p>A Work Order created in OFSLL is not showing up in the system after it has been processed through Repossession and Invoicing in GRI (Generic Recovery Interface). Due to this, users are not able to view the invoice generated for the repossession work order.</p>	<p>Fix has been provided with code changes by modifying the datatype from integer to Biginteger in OFSLL since GRI has already changed the value of case number from INT to BIGINTGERE while processing. After this change, the invoice for the repossession work order is created successfully.</p>
36305070	<p>SR:3-35770809541</p> <p>When an event condition is created to trigger STOP Statement transaction on all accounts from a batch file, the trigger did not occur on some accounts when a batch file to add a condition was posted during NTP.</p>	<p>Fix has been provided by adding an event update call in case of account condition update. Accordingly, on defining an event on ACO_CREATE and ACO_UPDATE, the event will fire when on Opening a Condition and Closing the condition.</p>
36294346	<p>SR:3-35748158831</p> <p>On posting Due Date Change transaction on delinquent accounts irrespective of the selected date, the delinquency category is decreased by 1 and the Counters for 120 bucket is reported wrongly.</p>	<p>The issue was caused in cases when ACC_DLQ_CATEGORY_METHOD_CD is PMTS (payments), system did not handle the LV_UNPAID_PMTS from TXNDCT_EN_100_01.POST_CATEGORY . The same has been fixed to resolve the issue.</p>
36446024	<p>SR:3-35906001001</p> <p>During Account migration while loading the external table data to into API tables, the account's Statement Preference Mode value is set using original preference and not by the current preference on account.</p>	<p>The issue was caused since the current process doesn't have the STMT_PREFERE NCE_MODE_CD code in accsel_el_111_01 package and also the STMT_PREFERE NCE_MODE_CD should be picked from api_accounts and not from api_contracts table. Hence code changes are done to pick ACC_STMT_PREFERENCE_MODE_CD from api_accounts to resolve the issue.</p>
36341580	<p>SR:3-35806651321</p> <p>System is not updating the legacy status code LP even after Delinquent condition is Active on the account. Ideally, when account condition is reopened, the event configured for the account update should be triggered.</p>	<p>Fix has been provided by adding 'Update event call' when any account condition is re-opened. Also note that this bug is addressed as part of the Bug – 36305070 listed above.</p>

Bug Id	Bug Description	Fix Description
36353283	SR:3-35905125101 Vendor assignment allocation setup does not allow for ALL Repo storage state in the List of Values.	Since no value was getting passed to the Repo Storage State LOV query and the default value was SETME due to which ALL value wasn't getting displayed in Repo Storage State dropdown. Hence, fix has been provided with code changes to pass ALL to Repo Storage State LOV query. Note: This fix was provided as part of bug 34763320.
36386719	SR:3-36011494731 Metro II Reporting – The FCRA Date of First Delinquency is incorrect and is reporting a future date after the payment is reversed on the account.	Code fix has been provided in respective packages to resolve the following issues: <ul style="list-style-type: none"> • FCRA date to be in sync with ACC_CRB_FIRST_DLQ_DT • On Reversal of ALL DUE Payment- ACC_CRB_FIRST_DLQ_DT is refreshed from NULL to Date.
36397151	SR:3-36067613991 Metro II Reporting – The FCRA Date of First Delinquency is missing for Paid Off Accounts when Payment rating = '0'. As per Credit reporting guidelines, for Account Status Codes 05 and 13, if the Payment Rating is 1, 2, 3, 4, 5, 6, G or L, metro II should report the date of the first 30-day delinquency that led to the Payment Rating. This date should be 30 days after the Due Date.	Code fix has been provided in respective packages to resolve the following issues: <ul style="list-style-type: none"> • ACC_CRB_FIRST_DLQ_DT is populated when Delinquency Condition is opened. • ACC_CRB_FIRST_DLQ_DT is set to NULL only on Payment of All DUE and Delinquency Condition is closed. • MET_BASE_FRCA_COMPLIANCE_DT is reported 30 days from ACC_CRB_FIRST_DLQ_DT. • On Posting PAID OFF transaction, Status is changed to 13, but Payment Rating on the Account is maintained, ACC_CRB_FIRST_DLQ_DT and MET_BASE_FRCA_COMPLIANCE_DT are also populated as expected. • FRCA date is displayed for Payment rating other than 0.

Bug Id	Bug Description	Fix Description
36224771	<p>SR:3-35548538981</p> <p>There are issues reported with the transaction postings, when lease account is terminated and then marked as paid-off or charged-off. On doing so, system posts PAYMENT NONCASH with a small amount and also there are transactions posted with below descriptions:</p> <ul style="list-style-type: none"> ○ TERMINATE DEPRECIATION ○ TERMINATE RESIDUAL ○ CLOSE TERMINATE ○ CLOSE INVENTORY ○ CLOSE EXCESS USAGE FEE <p>Due to this, account is showing up with misleading number on the balances screen as well in the TERMINATION or INVENTORY balance types.</p>	<p>The following cases are analysed:</p> <ul style="list-style-type: none"> • Case 1: If the account has Security Deposit amount, PAYMENT NONCASH transaction is posted as part of Lease TERMINATE. And on reversing TERMINATE, PAYMENT NONCASH transaction is reversed and also reposted with Security Deposit amount. • Case 2: System allows to post Terminate after PAID/CHARGED OFF. <p>Following fix has been provided:</p> <ul style="list-style-type: none"> • Case 1: During lease TERMINATE reversal, reposting of PAYMENT NONCASH transaction is restricted. • Case 2: A validation is added to restrict TERMINATE after PAID/CHARGED OFF.

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