Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED)

Release Notes

Release 8.0.7.4.1

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Document Control

Version Number	Revision Date	Change Log
03	Jun 18, 2019	Updated: Migration of Existing Data and Know Issues
02	Jun 14, 2019	Updated: Final version published
01	Jun 10, 2019	Created: Draft published

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1   Preface

This preface provides supporting information for the Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED) Release Notes and includes the following topics:

- Overview of OFSAA
- Purpose of This Document
- Intended Audience
- Documentation Accessibility
- Related Documents

1.1   Overview of OFSAA

In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data model and applications architecture to enable integrated risk management, performance management, customer insight, and compliance management. OFSAA actively incorporates risk into decision making, enables to achieve a consistent view of performance, promote a transparent risk management culture, and provide pervasive intelligence.

Oracle Financial Services Analytical Applications delivers a comprehensive, integrated suite of financial services analytical applications for both banking and insurance domain.

1.2   Purpose of this Document

This document contains release information for Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED).

1.3   Intended Audience

This document is intended for users of Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED).

1.4   Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.4.1   Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs for the hearing impaired.

1.5   **Related Documents**

This section identifies additional documents related to OFS AGILE RP US FED Application 8.0.7.4.1. You can access Oracle documentation online from the Documentation Library ([OHC](#)).

- [Oracle Financial Services Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED) Installation Guide Release 8.0.7.4.0](#)

- [Oracle Financial Services Analytical Applications Technology Matrix](#)

2 Introduction to Oracle Financial Services Regulatory Reporting for US Federal Reserve

Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack helps the banks to comply with various guidelines issued by US Federal Reserve, including BCBS 239 regulations. It provides integrating risk data reporting systems and enhances the accuracy of reporting in banks. OFS Risk Regulatory Reporting (REG REP) Solution helps in achieving the objectives by enabling preset steps based on the generalization of a set of solutions. This is made possible by:

- Providing a centralized data storage for risk data through relevant subject areas of Financial Services Data Foundation (FSDF).

- Interfacing with a third party reporting tool such as Lombard Risk Reporter Portal to build necessary template reports to meet the regulatory expectations.

Data accuracy of risk reporting is ensured by:

- Data Governance Studio (DGS).

The OFS AGILE RP US FED solution enables financial services organizations to manage and execute regulatory reporting in a single integrated environment. It automates end-to-end processes from data capture through submission with industry-leading solutions. It leverages Oracle Financial Services Analytical Application (OFSAA) and Oracle Financial Services Data Foundation (OFSDF) for managing analytical application data. The AgileREPORTER in Regulatory Reporting (REG REP) Solution enables firms to automate the final mile of the reporting process. It provides pre-built integration to Lombard Risk Reporting, eliminating the need for further manual intervention. The solution ensures data integrity allowing banks to focus more time on analyzing and gaining new business insight from their growing stores of data instead of preparing data and reports with the sole objective of meeting submission deadlines.

OFS Regulatory Reporting for US Federal Reserve (OFS AGILE RP US FED) is a separately licensed product.

Patch **29800422** - Oracle Financial Services Regulatory Reporting for US Federal Reserve v8.0.7.4.0 One-off Patch Release #1 (8.0.7.4.1) is cumulative of all enhancements and bug fixes done since v8.0.7.4.0 release.

This chapter includes the following topics:

- New Features

- Pre-installation Requirements

- Applying this One-off Patch Release

- Post Installation Steps

- Migration of Existing Data

- Post US FED Run Execution

- Deploying Template Package

- Deploying Config Package

- Bugs Fixed in this Release

- Known Issues / Limitations in this Release

2.1   New Features

The new features in this release are as follows and also supports bug fixes and enhancements from previous features:

1. **Resave and Refresh Batches for Latest Version and All Versions**

   Introduced new Resave and Refresh batches for latest version of Reports separately and all versions separately. If you like to retrieve only the latest version, resave only the latest version batch; where only less number of Derived Entities are present.

BATCH_NAME	REPORT_NAME	TYPE
INFODOM_RESAVE_DE_USFED_ALL_FFIEC031	FFIEC-031	All Versions
INFODOM_RESAVE_DE_USFED_ALL_FFIEC041	FFIEC-041	All Versions
INFODOM_RESAVE_DE_USFED_ALL_FRY9C	FRY-9C	All Versions
INFODOM_RESAVE_DE_USFED_FFIEC031	FFIEC-031	Latest Version
INFODOM_RESAVE_DE_USFED_FFIEC041	FFIEC-041	Latest Version
INFODOM_RESAVE_DE_USFED_FRY9C	FRY-9C	Latest Version

2. **Standardization of Hierarchies used in Reports**

   Standardized Hierarchies used in Reports with Logical Names and defaulting logic. The schedules implemented are as follows.

REPORT_NAME	SCHEDULE_CODE
FFIEC-031	RC-C
FFIEC-031	RC-E
FFIEC-031	RC-N
FFIEC-041	RC-C
FFIEC-041	RC-E
FFIEC-041	RC-N
FRY-9C	HC-C
FRY-9C	HC-E
FRY-9C	HC-N

3. **Banding Logic Movement from Rules to Derived Entity**

In prior releases, Banding was performed using Rules, which resulted in overlapping issues between reports. From this release, the logic is moved to Report Level filters resulting in banding performed independently using its Original Sources. The schedules implemented are as follows.

REPORT_NAME	SCHEDULE_CODE
FFIEC-031	RC-C
FFIEC-031	RC-E
FFIEC-031	RC-N
FFIEC-041	RC-C
FFIEC-041	RC-E
FFIEC-041	RC-N
FRY-9C	HC-C
FRY-9C	HC-E
FRY-9C	HC-N

4. **Defaulting Logic for Original LTV made as Optional**

As part of HCC instructions, for new line items Original LTV is mandatorily required to be less than 2. In prior releases, we had a null handling for the column and even if the column had null value, it used to be treated as less than 2. From this release, defaulting is made as optional, where it can be controlled by setting a parameter in FSI_REGREPORTING_PARAM. By default, the value will be 'Y', which means the defaulting continues. If you wish to stop the defaulting, set the value as 'N' in V_REG_REPORTING_PARAM_VAL for the following entry in FSI_REGREPORTING_PARAM table.

V_REG_REPORTING_PARAM	V_REG_REPORTING_PARAM_VAL	V_REGULATOR_CODE
ORIGLTV_DEFAULT_FLAG	Y	US FED

For detailed information on usage of the existing features, see Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack User Guide Release 8.0.7.0.0 from OHC Documentation Library.

For more information on the OFS AAI requirements, see OFS Advanced Analytical Applications Infrastructure Application Pack 8.0.7.0.0 Readme in OHC Documentation Library.

2.2 Pre-installation Requirements

The prerequisite software that must be installed for customers who are on OFS AGILE RP US FED 8.0.7.4.0 version are:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) 8.0.7.1.0 (patch **29002529**) plus other prerequisite OFSAAI patches (see **Section 1.1 Pre-Installation Requirements** of <u>OFS AAI Installation Guide</u>) should be installed and configured in your Machine (OHC Documentation Library).

- Oracle Financial Services Data Foundation (OFSDF) 8.0.7.1.0 (patch **29327317**) plus other prerequisite OFSDF patches (see **Section 3.1 Installer and Installation Prerequisites** of <u>OFSDF Installation Guide</u>) should be installed and configured in your Machine (OHC Documentation Library).

- Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack Guide 8.0.7.0.0 (patch **28877382**).

- AgileREPORTER version **19.1.0-b100**

- AgileREPORTER Templates version **AR_FED_Package_v1_17_1_b6**

- The following columns must be added on top of FSDF **8.0.7.1.0** data model and sliced model upload must be performed.

Column Change Type	Physical Table Name	Column Name	Logical Name	Data Type	Domain	Null Allowed?	PK	FK	Reference Table Name	Reference Column Name	Column Comments
Add Column	FCT_APPLICA TION	N_REFERR AL_FEE	Referral Fee	NUMBER(22, 3)	Amount	Yes	No	No			This column stores the Referral fees or compensation received from a mortgage lender for referring a customer.
Add Column	FCT_REG_AP PLICATION	N_BRANCH _COUNTRY _SKEY	Branch Country Surrogate Key	NUMBER(10)	SurrogateK ey_Long	Yes	No	Non-Identi fying	DIM_COU NTRY	N_COUNT RY_SKEY	This column stores Branch Country Surrogate Key. The column is derived using Geography Dimension.
Add Column	FCT_REG_AP PLICATION	N_REG_PR OD_TYPE_ SKEY	Regulatory Product Type Surrogate Key	NUMBER(10)	SurrogateK ey_Long	Yes	No	Non-Identi fying	DIM_REG _PRODU CT_TYPE	N_REG_P ROD_TYP E_SKEY	This column stores Regulatory Product Type Surrogate Key. This column is populated using

Column Change Type	Physical Table Name	Column Name	Logical Name	Data Type	Domain	Null Allowed?	PK	FK	Reference Table Name	Reference Column Name	Column Comments
											Reclassification Rule using Standard Product Type.
Add Column	FCT_REG_APPLICATION	N_REFERRAL_FEE_RCY	Referral Fee	NUMBER(22,3)	Amount	Yes	No	No			This column stores the Referral fees or compensation received from a mortgage lender for referring a customer.
Add Column	FCT_DEPOSITS_BORROWINGS	F_LIEN_MARKED_IND	Lien Marked Deposit Indicator	CHAR(1)	Flag	YES	No	No			This column indicates whether a loan was taken against the TD account. This is useful to provide insights in Predictive Modeling. Expected list of values are Y or N.
Add Column	FCT_DEPOSITS_BORROWINGS	F_PRODUCT_LINKED_DEPOSIT_FLAG	Product Linked Deposit Flag	CHAR(1)	Flag	YES	No	No			This attribute indicates whether a deposit placed by a customer is linked to other products or factors which may change during the LCR horizon, thereby resulting in the risk of a higher outflow. The factors include but are not limited to a requirement to place the deposit to gain access to

Column Change Type	Physical Table Name	Column Name	Logical Name	Data Type	Domain	Null Allowed ?	PK	FK	Reference Table Name	Reference Column Name	Column Comments
											another product offered by the bank or Where the deposit acts as a lien to a loan provided by the bank to its customers, and so on. If the product, to which such a deposit is linked, is terminated by the customer within the LCR horizon, the customer can withdraw the deposit to meet other requirements thereby decreasing the stability of such deposits. A value of 'Y' indicates that the deposit is linked to another product which can influence a change in deposit behavior over the LCR horizon. Expected list of values are Y or N.
Add Column	FCT_REG_AC COUNT_SUM MARY	F_FIRST_P RIN_REPAY _DT_FUTUR E	First Principle Repayment Date in Future Flag	CHAR(1)	Flag	Yes	No	No			This column stores the first principle repayment date in future flag. List of values are Y and N. This column is derived using

Column Change Type	Physical Table Name	Column Name	Logical Name	Data Type	Domain	Null Allowed ?	PK	FK	Reference Table Name	Reference Column Name	Column Comments
											Extraction Date. If extraction date is less than First Principle repayment date then the flag is enabled.
Add Column	FCT_REG_ACCOUNT_SUMMARY	N_OFFSET_ACCT_SKEY	Offset Account Surrogate Key	NUMBER(15)	SurrogateKey_Long_Type2	Yes	No	Non-Identifying	DIM_ACCOUNT	N_ACCT_SKEY	This column stores the surrogate key of the account number that is being offset. It stores the loan account number which this liability account is offsetting. There can be multiple savings account offsetting a loan, but a liability account would not offset more than one loan account.
Add Column	DIM_COUNTRY	V_REGION_CD	Region Code	VARCHAR2(40)	Code_Alphanumeric_Long_Type2	YES	No	No			This column stores the Region or province component of the address. Region is defined as an area, especially part of a country or the world having definable characteristics, but not always fixed boundaries.

- Ensure that you have executed **.profile** before you trigger the installation.

- Ensure that the FICServer is up and running before you trigger the installation. For information on restarting the services, see *Oracle Financial Services Analytical Applications Infrastructure Release 8.0.2.0.0 Installation Guide* (OHC Documentation Library) for more information.

2.3   Applying this One-off Patch Release

To install this One-off Patch Release:

1. Download the `29800422_GENERIC.zip` archive file from https://support.oracle.com/ by searching patch **29800422** under the Patches & Updates tab.

2. Copy the archive file to your OFSAA server in Binary mode.

3. Shut down all the OFSAAI Services. For more information, see the Start/Stop Infrastructure Services section in *Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.2.0.0*.

> **NOTE**   Ensure that the FICSERVER is up and running.

4. Execute `chmod –R 751 29800422_GENERIC.zip`

5. Execute `unzip -a <name of the file to be unzipped>`

   For example: `unzip -a 29800422_GENERIC.zip`

> **NOTE**   The above **"–a"** option is mandatory to unzip the patch.
> If you notice an error message "unzip: not found [No such file or directory]", contact your UNIX administrator to resolve this issue.

6. Navigate to `<>/OFS_AGILE_RP_USFED/conf` directory.

7. Configure `UPLOAD_MODEL` parameter in the `params.conf` file to determine if Model Upload is required or not:

   0 = If you have already performed Model Upload and want to skip Model Upload process

   1 = If you want to perform Model Upload

8. Navigate to `<>/OFS_AGILE_RP_USFED/bin` directory and execute `./install.sh`

9. The installation progress can be viewed by periodically refreshing the log file under the `<>/OFS_AGILE_RP_USFED/logs` directory.

10. After installation is completed, verify the log file for any Errors or Warnings. Contact My Oracle Support in case of any issues.

> **NOTE**   This patch installation requires approximately 10 minutes to complete in Oracle Test Labs.

2.4   Post-installation Steps

Perform the following instructions after successful installation of the 8.0.7.4.1 One-off patch:

- Refer to the log file in the `/OFS_AGILE_RP_USFED/logs` directory to ensure that there are no errors reported.

- Generate the application EAR / WAR file and redeploy the application on the configured Web Application Server. For more information on generating and deploying EAR / WAR file, refer to the Post Installation Configuration section in *Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.2.0.0*.

- Restart all the OFSAA services. For more information, see the Start/Stop Infrastructure Services section in *Oracle Financial Services Advanced Analytical Applications Infrastructure Pack Installation Guide – Release 8.0.2.0.0*.

- Execute Resave batches to reflect the changes.

- Perform the additional configurations if required as mentioned under the Additional Configurations section in *OFS AAAI Release 8.0.2.0.0 Installation Guide*.

The Oracle Financial Services Regulatory Reporting for US Federal Reserve is now ready for use. If you encounter any problems during set up, contact OFSAA Support at Oracle Support.

2.5   Migration of Existing Data

2.5.1   SCD for Account Purpose Dimension and Rule for Reg Loan Purpose

Account Purpose Dimension has SCD and Seeded Values. As part of regularization, the tables are treated as SCD and from this release Regulatory Loan Purpose Rule (RLUS_FLAS_REG_LOAN_PURPOSE_01) is moved to a Mapper (MPFD_ACCT_REG_LOAN_PURPOSE) Based Rule (RLUS_FRAS_REG_LOAN_PURPOSE_MAP).

The Mapper can be configured from OFSAAI for mapping between Account Purpose and Regulatory Loan Purpose Dimensions.

If you wish to continue with existing seeded values of Account Purpose Dimension, then execute the MPFD_ACCT_REG_LOAN_PURPOSE_DEFAULT.sql file in the Atomic Schema.

As the Target Surrogate Key column moved from Fact Loan Account Summary to Fact Regulatory Account Summary, to update the historical data (Previous Executed Runs), you can execute the attached REG_LOAN_PURPOSE_UPDATE.sql file in the Atomic Schema, which copies data from Fact Loan Account Summary to Fact Regulatory Account Summary for the existing run.

2.5.2   GL Type Defaulting Logic Movement from Report to T2T

If GL Type is missing for accounts, then it used to be defaulted at the Reporting layer as value "AST" (Asset). As the logic is moved to T2T, to update the historical data (Previous Executed Runs), you can execute the N_GL_TYPE_DEFAULT.sql file in the Atomic Schema, which updates data of GL Type Surrogate Key of Fact Regulatory Account Summary for "MSG" and "OTH" (Missing and Others).

2.6   Post US FED Run Execution

Perform the following instructions after US FED Run Execution:

1. For prior date reporting, please see the **Prior Date Reporting** document.

2. Execute `<<INFODOM>>_REG_RUNEXE_RESAVE` batch to populate RUNEXESUMM table.

   Lombard AgileREPORTER would display additional filters of Run Execution ID and Run Status during report retrieval based on RUNEXESUMM table.

   a. Run Execution ID is Run Execution Identifier concatenated with Run Description.

   b. Run Status shows the status of US FED Run Execution.

   c. Define the entities as SOLO or CONSOLIDATED in Lombard AgileREPORTER before retrieving returns.

3. Execute all the REFRESH batches to refresh the Derived Entities.

2.7   Deploying Template Package

This section describes the steps to deploy the template package after saving the derived entities:

1. To deploy the product configuration on Lombard AgileREPORTER using the package `OFSAA_RP_TEMPLATE_USFED_80740.zip` bundled inside the `Template_Package` directory of the installer:

   a. Navigate to `/Template_Package` under the installer.

   b. Unzip the files with the following command:

      `unzip OFS_RP_TEMPLATE_USFED_80740.zip`

      The `AR_FED_Package_v1_17_0_9.lrm` file is extracted with the above command.

   c. Navigate to the path where AgileREPORTER is installed and then go to the `/bin` directory.

   d. Add a new configuration with the following command:

      `./config.sh –p -a <Template_Package Full Path>/<.lrm file>`

      For example:

      `./config.sh –p -a <Template_Package Full Path>/`
      `AR_FED_Package_v1_17_0_9.lrm`

2.8   Deploying Config Package

This section describes the steps to deploy the config package after saving the derived entities:

2. To deploy the product configuration on Lombard AgileREPORTER using the package `OFSAA_REG_REP_USFED_80740.zip` bundled inside the `Config_Package` directory of the installer:

   e. Navigate to `<LombardAgileREPORTER>/bin` under the installed location

   f. Add a new configuration with the following command:

      `./config.sh -a <Config_Package_1 Full Path>`

For example:

```
./config.sh –a /scratch/kit/80740/OFS_REG_REP_USFED/Config_Package/
OFSAA_REG_REP_USFED_80740.zip
```

g. Update the Alias with the following command:

```
./config.sh -ea OFSAA_REG_REP_USFED_80741 -iv 8.0.7.4.1 -alias
"OFSAA FED DATA SOURCE" –aif
<LombardAgileREPORTER>/bin/aliasinfo.properties
```

If you encounter any problems during deployment, contact OFSAA Support at Oracle Support.

2.9 Bugs Fixed in this Release

The fixed, enhanced, or modified bugs as part of OFS AGILE RP US FED Release 8.0.7.4.1 are as follows.

Bug Number	Bug Description	Change Comments
28113550	FR Y-14M: A1: DIM_LIEN_POSITION,DIM_LIQUIDATION_STATUS,DIM_ENTITY_TYP,DIM_REG_LOAN_P	Enhanced Mapper functionality. Updated Mapper functionality from DIM_ACCOUNT_PURPOSE to DIM_REG_LOAN_PURPOSE.
28563002	CLARIFICATION ON FR Y-9C: HC-N: LINE 10: CONCERN FOR INCLUSION OF HFT	Introduced three new rows on FFIEC-031, FFIEC-041, and FR Y-9C report DID sheet to handle the HFT loans along with cell value measure "IFRS Acct Fair Value RCY". Impacted MDRMs: RC-N (RCFD3505, RCFD3506, RCFD3507) and HC-N (BHCK3505, BHCK3506, BHCK3507).
29028081	FR-Y 9C: HC-N: INCLUSION/EXCLUSION CRITERIA FOR LOAN TYPES. MDRM: BHCK5380	Removed RLUS_FRAS_REG_PROD_CLASS_10: guarantor filter. Updated RLUS_FRAS_REG_PROD_CLASS_12: standard party type filter. Updated RLUS_FRAS_REG_PROD_CLASS_05, RLUS_FRAS_REG_PROD_CLASS_03, RLUS_FRAS_REG_PROD_CLASS_04: reg product type filter to handle reporting of commercial and industrial loans product types. Removed RLUS_FRAS_REG_PROD_CLASS_04: standard party type 'SOV' filter as this party is not foreign party type.
29124486	FFIEC-031: SCH RC-C: PART I: LINE 1.B: SECURED BY FARMLAND CLARIFICATION	Changed Rule for regulatory product classification loans secured by real estate: Secured by farmland. Updated Rule source filters. Added extra group to report loans guaranteed by FmHA.
29194764	FFIEC-031: RC-C, HC-C: PART I: LINE ITEM 4: ACCRUAL STATUS FOR LOANS	Included hierarchy HREG1004 "HIR - RR Accrual Status" with NOT NONACRRU value for the required cell IDs.

Bug Number	Bug Description	Change Comments
29197063	FR Y-9C: HC-N: IDENTIFICATION OF GNMA LOANS IN LINE WITH THE DEFINITION OF GNMA LOAN	Modified filter "Loan Rebooked Date Hierarchy" as 'Y' to handle the NOTNULL condition in DID sheet. Impacted MDRMs: HC-N (BHCKK039, BHCKK040, BHCKK041, BHCKK042, BHCKK043, BHCKK044) and RC-N (RCFDK039, RCFDK040, RCFDK041, RCFDK042, RCFDK043, RCFDK044, RCONK039, RCONK040, RCONK041, RCONK042, RCONK043, RCONK044). Handled new filter (Securitized Flag Filter ='N') and fiduciary relationship flag ='N' in the Dataset. This is common for entire MDRMs of HC-N and RC-N.
29203866	FR Y-9C, FFIEC-031/-041: RC-N, HC-N: LEASE FINANCING RECEIVABLES SHOULD INCLUDE ESTIMATED RESIDUAL VALUE OF LEASED PROPERTY	Modified the business process "BP - Amount covered by loss sharing" as DIM_LOSS_SHARE_AGREEMENT.N_SELF_LOSS_SHARE_RATE * NEW MEASURE. Impacted MDRMs of report FFIEC-031, FFIEC-041 and FR Y-9C (RC-N: RCFDK102, RCFDK103, RCFDK104, RCONK102, RCONK103, RCONK104) and (HC-N: BHCKK102, BHCKK103, BHCKK104).
29255213	QUERIES REGARDING USAGE OF THE NODES REG PRODUCT RECLASSIFICATION (VALUES 'INTLOTHCONSCHOD' 'USOTHCONOD') AND STANDARD PRODUCT TYPE = [OD]	Changed Rule for Other loans. Updated Rule to handle overdrafts.
29284195	HANDLING OF HYPOTHECATED DEPOSITS - SOURCING AND TREATMENT	Mapped sourcing of F_PRODUCT_LINKED_DEPOSIT_FLAG and F_LIEN_MARKED_IND columns of FCT_DEPOSITS_BORROWINGS table from STG_CASA and STG_TD_CONTRACTS tables. Handled Hypothecated deposits with following changes: IF (FCT_COMMON_ACCOUNT_SUMMARY.V_OFFSET_ACCT_NBR != NULL && FCT_DEPOSITS_BORROWINGS.F_PRODUCT_LINKED_DEPOSIT_FLAG = 'Y' && FCT_DEPOSITS_BORROWINGS.F_LIEN_MARKED_IND = 'Y') THAN FCT_REG_ACCOUNT_SUMMARY.N_EOP_BAL_RCY) Impacted MDRMs: HC-N: BHCKC410WORK and RCN: RCFDC410WORK, RCONC410WORK. Modified BP to handle the updated code in RCC.
29459249	FFIEC 031: RC-C: MISSING CONFIGURATION LOGIC IN 8.07, MDRM: PART I MEMO 2.A: RCONA564-RCONA569.	Changed logic changes to handle bands. Logic will now be part of DID instead of rule.
29481475	FR Y-9C: HC-C: LINE 4A/4B: CONCERN AROUND DEFINITION OF US "DOMICILE" ADDRESSEES	Included hierarchy "HIR - RR Customer Domicile Country" (HREG2001) for the box IDs HIRHCC04, HIRSCN01, HIFD5080, HIFD5081.
29490210	RC-C: 1.A.1 & A.2: INCONSISTENCY IN CLASSIFICATION CRITERIA	Changed rule for Commercial Real Estate. Added new rule added in regulatory product type.

Bug Number	Bug Description	Change Comments
29504783	RC-N: MEMO LINE 7: ASSETS SOLD, PAID OFF, CHARGED-OFF SETTLED LOGIC	Created DEFD4103 to find least n_int_non_accrual_date_skey, DEFD4104 to find measure corresponding to date from DEFD4103, DSFD1701 to Join with DEFD4104 to filter as of date.
29543845	FR Y-9C: HC-H: BHCK3197: FIXED RATE FILTER IS MISSING	Handled Fixed Rate filter value in DID sheet. Handled Fixed Rate filter and Banding Logic in DID sheet instead of Rules. Included Fixed Rate check for FR Y-9C, HC-H, MDRM: BHCK3197 as part of Lombard filter. Included Band code check for floor and cap rates as part of DE dataset.
29583054	FFIEC-031 / FFIEC-041 / FR Y9C: MULTIFAMILY & 1-4 FAMILY MDRMS - REG PROPERTY TYPE & REG PROD TYPE USAGE	Updated Reg property type filter for the folowing rules: Loans Secured By Real Estate - Secured By Multifamily (5 Or More) Residential Properties, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Closed-End, Loans Secured By 1-4 Family Residential Properties - Secured By First Liens, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Closed-End, Loans Secured By 1-4 Family Residential Properties - Secured By Junior Liens, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Revolving, Open-End, Loans Secured By 1- 4 Family Residential Properties And Extended Under Lines Of Credit.
29622033	FFIEC-031: RC-E: CLARIFICATION REQUIRED ON USAGE OF STANDARD PARTY TYPE CODES RELATED TO NBFC	Removed NBFC related parties from the impacted MDRMs. Impacted Cells: RCONB549, RCONB550, RCFNB553, RCONP757, RCONP759.

Bug Number	Bug Description	Change Comments
29635797	FFIEC-031: RC-C/HCC: REG PRODUCT CLASSIFICATION, REG PRODUCT TYPE CLARIFICATION	Changed Rule for Loans secured by real estate: Construction, land development, and other land loans: Other construction loans and all land development and other land loans, Loans secured by real estate: Construction, land development, and other land loans: (1) 1-4 family residential construction loans, Loans secured by real estate: Construction, land development, and other land loans: (1) 1-4 family residential construction loans, Loans secured by real estate: Secured by multifamily (5 or more) residential properties, Loans secured by real estate: Secured by 1-4 family residential properties: Revolving, open-end loans secured by 1-4 family residential properties and extended under lines of credit, Loans secured by real estate: Secured by 1-4 family residential properties: Closed-end loans secured by 1-4 family residential properties: Secured by first liens, Loans secured by real estate: Secured by 1-4 family residential properties: Closed-end loans secured by 1-4 family residential properties: Secured by junior liens, Loans secured by real estate: Secured by nonfarm nonresidential properties: Loans secured by owner- occupied nonfarm nonresidential properties, Loans secured by real estate: Secured by nonfarm nonresidential properties: Loans secured by other nonfarm nonresidential properties. Changes involve updates to ltv filter, group codes, property type, lien position, and so on.
29647604	HC-E/RC-E: NEED COLUMN CHANGE FROM N_OFFSET_ACCT_NBR TO V_OFFSET_ACCT_NBR	Modified Dataset join to change FCT_COMMON_ACCOUNT_SUMMARY.N_OFFSET_ACCT_NBR to FCT_COMMON_ACCOUNT_SUMMARY.V_OFFSET_ACCT_NBR. Impacted Cells: RCONP753, RCON2210, RCONB549, RCON2213, RCON2216, RCONP754WORK, RCONP754, RCON2202, RCON2236, RCONP753WORK, RCON6835, RCON2203, RCONB551, RCFN2625WORK, RCFN2650WORK, RCFNB553WORK, RCFNB554WORK, RCFNB555WORK, RCON0352, RCON2365, RCON2377, RCON2520, RCON2530, RCON6810, RCONB550, RCONB552, RCONF233, RCONHK05, RCONHK06, RCONJH83, RCONK220, RCONK223, RCONP757, RCONP757WORK, RCONP758, RCONP758WORK, RCONP759, RCONP759WORK, RCONHK14, RCONHK08, RCONHK13, RCONP756WORK, RCONHK09, RCONHK12, RCONJ474, RCFNA245, RCONHK15, RCONJ473, RCONP756, RCONHK11, RCON6648, RCONK222, RCONHK10, RCONHK07, BHCB2210, BHOD3189, BHCBHK29, BHDMHK06, BHDMHK32, BHFNA245, BHODHK29, BHODJ474, BHDMHK31, BHCBJ474, BHCB2389, BHOD2389, BHOD3187, BHCB3187.

Bug Number	Bug Description	Change Comments
29654394	MISSING RULE FOR POPULATING REG PROD TYPE 'BWB' (BALANCES WITH BANKS)	Changed Rule for regulatory product type Balances with Banks. Added new rule.
29669187	FR Y-9C / FFIEC-031 / FFIEC-041: CURRENT LOGIC DOES NOT HANDLE IDENTIFICATION OF SAVINGS DEPOSITS	Updated Filter value for "HIR - RR Reg Deposit Type" to include "SB" for FFIEC-031 RC-E (MDRM: RCON0352).
29679837	LOAN TO NON DEP FIN INSTITUTIONS - MISSING FROM HC-C/RC-C/HC-N/RC-N MEMO LINE ITEMS	Added extra filter value LOANNONDEPFININST in DID sheet on existing hierarchy "Regulatory Product Classification Hierarchy" for schedule RC-N/HC-N of reports FFIEC-031, FFIEC-041 and FR Y-9C. Impacted MDRMs: HC-N (BHCK6558, BHCK6559, BHCK6560) and RC-N (RCFD6558, RCFD6559, RCFD6560). Added new filter value LOANSTASUBDIVUS for schedule HC-N and RC-N. Impacted MDRMs: FR Y-9C (HC-N: BHCK6558, BHCK6559, BHCK6560), FFIEC-031 (RCN: RCFD6558, RCFD6559, RCFD6560), FFIEC-041 (RC-N: RCON6558, RCON6559, RCON6560). Added new filter value "LOANSTASUBDIVUS" for schedule HC-C. Impacted MDRM: BHCK2746.
29684924	NON INTEREST BEARING FLAG - COALESCE CONDITION USED	Updated to default to Y when DIM_PRODUCT.F_NON_INTEREST_BEARING_ DEPOSIT is null in Hierarchies (HIRBS003, HRU29008, HREG2309 and HIRHCE08).
29692829	HC-C/RC-C: MDRMS: RCFDK168, BHCKK168: INCLUSION OF LOANS FOR AGRICULTURE PROD PURPOSE	Changed Rule for regulatory product classification Loans To Finance Agricultural Production And Other Loans To Farmers. Modified Rule to accommodate changes related to ltv, party type, depository institution flag.
29704985	HC-E: LINE 1: INCLUSION OF INCORRECT ENTITY TYPES	Removed values FEDCRUN, STCRUN in DID sheet on existing hierarchy "HIR - RR Entity Type" for schedule HC-E of report FR Y-9C. Impacted MDRMs: HC-E (BHCB2210, BHCB3187, BHCB2389, BHCBHK29, BHCBJ474, BHOD3189, BHOD3187, BHOD2389, BHODHK29, BHODJ474).
29709037	LINEAGE FOR HC-N / RC-N COLUMNS V_CONSTRUCTION_LOAN_TYPE_CD	Fixed the Lineage error.
29722988	CLARIFICATION ON DATASET FILTER N_EOP_BAL_RCY >= 0 FOR RULE RLUS_FRAS_REG_DEP_TYPE_03	Changed Rule for regulatory deposit type matured time deposits. Modified Rule to accommodate check on end of period balance as on maturity.
29739450	RC-C: EXCLUSION OF REAL ESTATE ITEMS FROM LINES 3 AND LINE 9.B(1) NOT HANDLED	Created hierarchy "HIR - RR Regulatory Loan to Value Flag" (HREG2324) for box ID RCONJ466.

Bug Number	Bug Description	Change Comments
29741347	FFIEC-031 / FFIEC-041: CLARIFICATION ON CONSISTENCY OF BROKER CODE FOR RC-E AND RC-O SCHEDULES	Removed values Y, N in DID sheet on existing hierarchy "Broker Hierarchy Deposit Borrowings" for schedule RC-O of reports FFIEC-031 and FFIEC-041. Impacted MDRMs: HC-E (RCONG803, RCONK678, RCONL190WORK). Added values NOT EMPTY, OTH, MSG in DID sheet on new hierarchy "HIR - RR Dealer Identifier" for schedule RC-O of reports FFIEC-031 and FFIEC-041. Impacted MDRMs: RC-O (RCONG803, RCONK678, RCONL190WORK). Modified Metadata DE-RC-O-Borrowings, DS-RC-O-Borrowings and updated F_FIDUCIARY_RELATIONSHIP_FLAG. Impacted Cells: RCONG803, RCONK678, RCONL190WORKX.
29752812	INCORRECT HIERARCHY FILTER ON BRANCH COUNTRY FOR RC-C M.2.B	Updated branch country and product classification filters for the box IDs RCFDA570, RCFDA571, RCFDA572, RCFDA573, RCFDA574, RCFDA575.
29754722	FR Y-9C / FFIEC-031 / FFIEC-041: IDENTIFICATION OF FDIC LOSS SHARING AGREEMENTS ACROSS RC-M/HC-M AND RC-N/HC-N	Replaced "Agreement Sponsorer Code Hierarchy" coming from DIM_LOSS_SHARE_AGREEMENT.V_AGREEMENT_SPONSORER_CODE with "HIR - RR FSI Std Party" reported from FSI_PARTY_STD_PARTY_MAP.V_STD_PARTY_CODE in RC-N, HC-N for line item 12. Changed "Loan Rebooked Date Hierarchy" value from 'Y' to 'N' in RC-N, HC-N for line item 11.b.
29757134	LOANSTASUBDIVUS TO BE ADDED TO MDRMS FOR RC/HC 4.A AND 4.B	Updated hierarchy "Regulatory Product Classification Hierarchy" with the value LOANSTASUBDIVUS for MDRMs in FR Y-9C (HC: BHCK5369, BHCKB528) and FFFIEC-031 (RC: RCFD5369, RCFDB528).
29762799	FFIEC-031: RC-C: CLARIFICATION ON MAPPING OF PURCHASING CARDS TO STANDARD PRODUCT TYPE CICORCARD	Changed Rule for regulatory product type Non Scored Corporate and Business Cards, Scored Corporate and Business Cards. Added new rules for these regulatory products.
29763102	FFIEC-031 / FFIEC-041: RC-C: PLEDGED LOANS - MISSING N_PERCENT_ENCUMBERED	Used BP-BPFD1663, BP-RCC-Amount based on holding type-ENC which includes addition of N_PERCENT_ENCUMBRANCE as part of calculation for box ID RCFDG378.
29833598	LINEAGE EXTRACTION FROM UI IS FAILING DUE TO EXCEPTIONS IN MDB PUBLISH	Fixed errors related to Reporting Line Elements and View Implementations for the MDB publish.
29039885	FR Y-9C: HCC: BHCKC391: ACCRUED INTEREST TO BE INCLUDED ALONG WITH TOTAL FEE CHARGES	Created BPFD1665 "BP-Sum of Tot Charges and Accrued Int" for box ID RCFDC391.
29040636	FFIEC-031: DATA FLOW EXPECTATIONS FOR TO DETERMINE THE COMPENSATION RECEIVED FOR THE ORIGINATION OF REVERSE MORTGAGES	Implemented revised design for box IDs RCONJ468, RCONJ469.

Bug Number	Bug Description	Change Comments
29751946	DRILL DOWN ISSUE FOR FRY-9C SCHEDULE HC / HC-C / HC-N IN AGILERP	Released Platform patch with patch number (29752927) to resolve recursive publishing of Business Processors which contained internal Business Processors. This patch must be applied for AAI and MDB publish must be redone after saving the impacted metadata.
29776764	WRONG USAGE OF BP(BPRCC144) AS HIEARCHY FILTER IN FFIEC-031: RCC, FOR BOX ID RCONJ466WORK	Replaced wrong BP with the hierarchy (HREG2324) for the box ID RCONJ466WORK.
29807247	FR Y-9C / FFIEC-031 / FFIEC-041: SCHEDULE HC-C/RC-C END TO END VERIFICATION	Standardized and Optimized configuration for Schedule HC-C/RC-C.
29807255	FR Y-9C / FFIEC-031 / FFIEC-041: SCHEDULE HC-E/RC-E END TO END VERIFICATION	Standardized and Optimized configuration for Schedule HC-E/RC-E.
29807258	FR Y-9C / FFIEC-031 / FFIEC-041: SCHEDULE HC-N/RC-N END TO END VERIFICATION	Standardized and Optimized configuration for Schedule HC-N/RC-N.
29819748	FFIEC-031 / FFIEC-041 / FR Y-9C: SCHEDULE C: N LINE ITEM 2 UPDATED	Updated standard party type filter with latest values for RCC. Added extra join of dim_country alias with dim_party.V_INCORPORATION_COUNTRY_CD and included new hierarchy "HIR - RR Cust Incoporation Country" in DE. Added additional filter and updated standard party type filter with latest values for RCN and HCN.

Bug Number	Bug Description	Change Comments
29848842	REG PRODUCT CLASSIFICATION RULES MUST USE REG PROD GROUP	Changed Rules for Commercial And Industrial Loans, Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Other Consumer Loans (includes Single Payment, Installment, And All Student Loans), Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Other Revolving Credit Plans, Lease Financing Receivables (Net Of Unearned Income) - All Other Leases, Lease Financing Receivables (Net Of Unearned Income) - Leases To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Leases), Loans To Non-Depository Financial Institutions And Other Loans - Other Loans - (1) Loans For Purchasing Or Carrying Securities (Secured Or Unsecured), Loans To Depository Institutions And Acceptances Of Other Banks - To Foreign Banks, Loans To Depository Institutions And Acceptances Of Other Banks - To Banks And Other Depository Institutions, Loans To Finance Agricultural Production And Other Loans To Farmers, Loans To Foreign Governments And Official Institutions (including Foreign Central Banks), Loans To Non-Depository Financial Institutions And Other Loans - Loans To Non-Depository Financial Institutions, Loans To States And Subdivisions In The U.S, Other Loans. Enhanced logic to maintain a classification consistency instead of using reg products and group code is introduced. Each group will cover multiple related products. Group codes introduced are 'LOANS', 'LEASES' and 'CARDS'.
29860000	REG PRODUCT TYPE RULES MUST USE REG PROD GROUP IN HIERARCHY	Changed Rules for Auto Lease, Bankers Acceptance, Revolving Credit Plan - Bank Card, Bills Discounted, Card, Commercial And Industrial - Small Business, Commercial And Industrial, Commercial And Industrial, Commercial Leases, Commercial Real Estate, Construction, Consumer Lease, Non Scored Corporate and Business Cards, Scored Corporate and Business Cards, Farm Land, First Home Mortgages, Home Equity Conversion Mortgage Reverse Mortgages, Consumer - Home Equity, Consumer - Home Equity Line Of Credit, Margin Lendings, Multi Family, New Auto Loans, Non Farm Non Residential, Overdraft, Other Commercial Loans, Other Consumer Loans, Revolving Credit Plan - Other Than Credit Card, Other Lease, Other Loans, Consumer - Other Residential Mortgages, Prepaid Cards, Proprietary Reverse Mortgages, Student Loan, Used Auto Loans. Mapped all reg products to a group code. Multiple products can have the same group code. This group code will in turn be used in product classification rule.

Bug Number	Bug Description	Change Comments
29860012	REG PRODUCT CLASS RULES MUST USE LTV FLAG FILTER WHEREVER APPLICABLE	Changed Rule for Loans To Non-Depository Financial Institutions And Other Loans - Loans To Non-Depository Financial Institutions, Loans To Non-Depository Financial Institutions And Other Loans - Other Loans - (1) Loans For Purchasing Or Carrying Securities (Secured Or Unsecured), Loans To Depository Institutions And Acceptances Of Other Banks - To Banks And Other Depository Institutions, Loans To Depository Institutions And Acceptances Of Other Banks - To Foreign Banks, Loans To Finance Agricultural Production And Other Loans To Farmers, Other Loans, Commercial And Industrial Loans, Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Automobile Loans, Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Other Revolving Credit Plans, Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Other Consumer Loans (includes Single Payment, Installment, And All Student Loans), Loans To Foreign Governments And Official Institutions (including Foreign Central Banks). Introduced to LTV filter to clearly differentiate between the real estate loans and non-real estate loans. Real estate loans will have LTV filter as less than 2 and non-real estate loans will have LTV filter as NULL or greater than or equal to 2, as a result this will allow for direct differentiation of real estate loans.

Bug Number	Bug Description	Change Comments
29860048	REG PRODUCT CLASS RULES MUST USE PROPERTY TYPE INSTEAD OF PRODUCT TYPES	Changed Rules for Loans Secured By Real Estate - Construction, Land Development, And Other Land Loans - (1) 1-4 Family Residential Construction Loans, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Closed-End Loans Secured By 1-4 Family Residential Properties - Secured By First Liens, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Closed-End Loans Secured By 1-4 Family Residential Properties - Secured By Junior Liens, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Revolving, Open-End Loans Secured By 1- 4 Family Residential Properties And Extended Under Lines Of Credit, Loans Secured By Real Estate - Secured By Multifamily (5 Or More) Residential Properties, Loans Secured By Real Estate - Secured By Nonfarm Nonresidential Properties - Loans Secured By Non Owner Occupied Nonfarm Nonresidential Properties, Loans Secured By Real Estate - Secured By Nonfarm Nonresidential Properties - Loans Secured By Owner - Occupied Nonfarm Nonresidential Properties, Loans Secured By Real Estate - Secured By Farmland Line item 1, that is, loans secured by real estate. Enhanced logic for the rules. All the real estate secured loans are now based on property types instead of product type.
29860053	REG PRODUCT CLASS RULES STANDARD PARTY TYPE UPDATES	Changed Rules for Commercial And Industrial Loans, Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Automobile Loans, Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Credit Cards, Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Other Consumer Loans (includes Single Payment, Installment, And All Student Loans), Loans To Individuals For Household, Family, And Other Personal Expenditures (that is, Consumer Loans) (includes Purchased Paper) - Other Revolving Credit Plans, Loans To Foreign Governments And Official Institutions (including Foreign Central Banks). Updated Standard party type values related to the applicable rules. Introduced new party type values which allows for more coverage.

Bug Number	Bug Description	Change Comments
29860058	REG PRODUCT CLASS RULES CONSTRUCTION LOAN TYPE AND OCCUPANCY TYPE UPDATES	Changed Rules for Loans Secured By Real Estate - Construction, Land Development, And Other Land Loans - (1) 1-4 Family Residential Construction Loans, Loans Secured By Real Estate - Construction, Land Development, And Other Land Loans - Other Construction Loans And All Land Development And Other Land Loans, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Revolving, Open-End Loans Secured By 1- 4 Family Residential Properties And Extended Under Lines Of Credit, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Closed-End Loans Secured By 1-4 Family Residential Properties - Secured By First Liens, Loans Secured By Real Estate - Secured By 1-4 Family Residential Properties - Closed-End Loans Secured By 1-4 Family Residential Properties - Secured By Junior Liens, Loans Secured By Real Estate - Secured By Multifamily (5 Or More) Residential Properties, Loans Secured By Real Estate - Secured By Nonfarm Nonresidential Properties - Loans Secured By Owner- Occupied Nonfarm Nonresidential Properties, Loans Secured By Real Estate - Secured By Nonfarm Nonresidential Properties - Loans Secured By Non Owner Occupied Nonfarm Nonresidential Properties. Revised Construction loan type values. Introduced new construction loan type 'Construction Permanent'. This value takes care the of the loan type that is used for construction of property and once construction is complete, it automatically gets converted into a permanent mortgage loan.

2.10   Known Issues / Limitations in this Release

The known issues or limitations in this release are:

- MDB Publish ignores few business processes which have lengthy business processor (BP) expressions. This impacts drilldown for cells that use these BPs.

  A platform one-off patch is mandatory prerequisite for the resolution, contact Oracle Support Team.

- Loans secured by real estate in domestic offices should not be included in Loans Secured by Real Estate in Domestic Offices for the following MDRMs as this is handled in the next release:

  - FFIEC-031: RCFDK087, RCFDK088, RCFDK089

  - FFIEC-041: RCONK087, RCONK088, RCONK089

  - FR Y-9C: BHCKK087, BHCKK088, BHCKK089

- Closed-end loans secured by first liens on 1–4 family residential properties should be excluded from reporting in RCONA570, RCONA571, RCONA572, RCONA573, RCONA574, and RCONA575 of FFIEC041 RC-C, which is handled in the next release.

- Configuration in RRS to be updated to use Revised Standard Party Type values.

3 Hardware/Software Tech Stack Details

The hardware/software combinations required for OFS AGILE RP US FED 8.0.7.4.1 are available at the OHC Tech Stack.

4 Other Software Required

The AgileREPORTER Portal v**16.1.0-b100** and US Federal Reserve (US FED) Templates **AR_FED_Package_v1_17_1_b6** is required for the OFS AGILE RP US FED application.

5 Licensing Information

For details on the third party software tool used, see OFSAA Licensing Information User Manual Release 8.0.7.0.0 available at the OHC Documentation Library.

OFSAAI Support Contact Details

- Contact Infrastructure support at https://flexsupp.oracle.com if you have installed ERM and FCCM applications.

- Raise an SR in https://support.oracle.com if you have any queries related to EPM applications.

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- Is the information clearly presented?

- Do you need more information? If so, where?

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- What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, indicate the title and part number of the documentation along with the chapter/section/page number (if available) and contact the Oracle Support.

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