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FINANCIAL SERVICES

An Oracle Technical White Paper
June 2013

LRM 2.0.1.0.0 Service Pack Installation Guide

Introduction

Oracle Financial Services (OFS) Liquidity Risk Management (LRM) provides a single consistent view of portfolio liquid risk across the entire organization. This service pack consists of fixes, enhancements, and updates, which is to be applied on OFS LRM 2.0.0.0.0.

Description

Bug 16593534 - OFS LIQUIDITY RISK MANAGEMENT 2.0.1.0.0 SERVICE PACK

Technical and Functional Issues Fixed

Bug Number	Description
16199194	LRM 2.0.0.1.0 SP SPECIFIC SCRIPTS CHANGES.
16191732	DIM_PARTY AND IT DATA FLOW NEEDS TO BE INCORPORATED INTO LRM 2.0 APP.
16184084	UNDERLYING ASSET LEVEL SKEY IS NOT GETTING POPULATED IN FCT_LRM_ACCOUNT_SUMMARY.
16177983	N_MARKET_VALUE COLUMN SHOULD BE USED INSEAD OF N_MTM_VALUE FROM FCAS TABLE.
16177884	DUE TO COL CHANGE IN DIM_CREDIT_RATING TAB, EFFECTED OBJ NEEDS TO BE MODIFIED.
16177841	MANY OF THE HIERARCHY AND ALIS ARE MISSING IN OUT OF THE BOX LRM SOLUTION.
15848071	CONSOLIDATED RUN EXECUTION CORRECTION.
14683960	CASHFLOW TYPE JOINS REQUIRED FOR THE ASSUMPTION ON EOP, UNDRAWN AND MTM VALUE
14471496	CURRENCY CONVERSION NOT HANDLED FOR RCY & LCY COLUMNS OF N_COLLATERAL_MKT OF CAS.
14471287	LCR ASSUMPTIONS ARE NOT WORKING, HIERARCHY MAP MISSING IN SETUP_MASTER TABLE.
14403398	LRM 2.0 FN_DT_UPD_LIMIT_VALUE IS IN UNCOMPILED STATUS AFTER INSTALLATION.
14185676	PACKAGE VARIABLE INITIALISATION NOT DONE CORRECTLY
14172196	FCT_FCST_EXCHANGE_RATES IS NOT GETTING EXCHANGE RATES VALUES
14095139	BEHAVIOUR ASSUMPTION LEVEL FLATTENING - PERFORMANCE ISSUE
13798506	MULTIPLE CONTRACTUAL RUN
14755361	PERCENT DOMAIN TO BE CHANGED TO PERCENT_LONG AND SYNC IDM AND LRM DATA MODEL
14477984	LCR ASSUMPTIONS COULD NOT BE DEFINED WITH BASEL PRODUCT TYPE HIERARCHY.
14360227	LRM DATA MODEL CHANGE
14125757	DATA MODEL - LENGTH OF DIM_COUNTER BALANCING_STRATEGY.V_SELECTED_LE NOT IN SYNC
14063799	ALMBI - LRM INTEGRATION ISSUES
11820359	LRM TO POPULATE ALMBI FACT REPORTING TABLE COLUMN VALUES
14555673	NATU CCY IN T2T FOR AGG_CONS_CCY_LR_GAP_POPULATION IS TO BE REPLACED WITH REP CCY
14531996	PRE PAYMENT RULES UPDATING CASH OUTFLOW COLUMN INSTEAD OF CASH INFLOW

	COLUMN.
14518966	BIS ASSUMPTION RULE HIERARCHY TO BE CHANGED FROM BASEL PROD TYPE TO PROD TYPE
14503131	ABSOLUTE VALUES TO BE INTRODUCED IN GAP NUMBER SO AS TO BE IN SYNC WITH ALM
14478253	FEW HIERARCHIES DOES NOT HAVE ROLL-UP SELECTED FOR HIERARCHY DEFINITION.
14530320	LIQUIDITY COVERAGE RATIO AND IT FAILED AT TASK 4 WHICH IS A T2T
14493957	REPORTS FOR EXECUTION OF LRM ON TIME BUCKETS DEFINED IN ALM
14259295	PROBLEM IN LRM RUN MANAGEMENT – RUN PARAMETER SELECTION SCREEN.
14173898	CONTRACTUAL 03 RUN PARAMETERS: WHILE CLICKING ON RUN EXECUTION THE ERROR MESSAGE
13833157	LRM BEHAVIOR ASSUMPTION TYPE RUN-OFF DOESN'T GENERATE CONTRA ENTRY IN ORIGINAL
14494062	NOT ABLE TO NAVIGATE TO THE NEXT PAGE FOR LRM RUN MANAGEMENT SCREENS
16178027	CHANGES FOR BA SCREEN TO SWAP ASSUMPTION TYPE AND RULE SELECTION.
14847922	SPECIAL CHARACTER IN HIERARCHIES.
16183612	LRM SCREEN UPDATED TO COMMON STYLE SHEET CHANGES
14489180	MAKING PRODUCT CODE AS CONFIGURABLE
14409862	SCREEN SECURITY
14125851	UI -BA SUMMARY SCREEN - 'SEARCH RULE' OPTION SHOULD BE SEGMENT SPECIFIC
12749719	ALL LRM SCREENS
16692056	SAME LOGIC TO BE USED FOR POPULATING INFLOW & OUTFLOW FOR PRINCIPLE & INTEREST CF
16566908	LRM CODE QUALIFICATION FOR 7.3.2 WITH RRF
16714711	LRM LOGGER COMPILATION FAILURE DUE TO PACKAGE STRUCTURE CHANGES OF FSAPPLOGGER

Prerequisites

Before applying this service pack patch, ensure that the following requirements are met:

- Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) v7.3.2.1.2 is already installed and configured.
- OFS Liquidity Risk Management Release v2.0.0.0.0 is already installed and configured.

Procedure to Apply Patch

To apply this service pack patch, refer to the following steps:

1. Copy the file '16593534_generic.zip' in binary mode to a temporary folder on the server where OFSAAI is installed. Extract the contents of the zip file by executing the command **unzip -a 16593534_generic.zip.**

Note:

For a multi-tier installation of OFSAAI, the patch should be executed on each tier in the following order: the Application, Database, and Web tiers. If Application and Web are in the same tier then, execute the service pack in Database tier initially.

2. Update the 'params.conf' file with appropriate values for INFODOM, SEGMENT_CODE, FTPSHARE_PATH, OFSAAI_USER_ID, CONF_USER, CONF_PWD, CONF_SID, APPL_USER, APPL_PWD, and APPL_SID.

3. Navigate to $FIC_HOME folder and execute the command **chmod -R 775 *** prior to applying the service pack. This is to ensure that ficweb folder, under the $FIC_HOME folder has write permission assigned. For multi-tier installation, repeat this step on all tiers. In addition, execute the command **chmod -R 775** on FTP/SFTP shared folder.

4. Execute 'pre_model_scripts/compile_atomic.sql' on the atomic schema of the information domain in which OFS LRM v2.0.0.0.0 is installed.

    Note: These pre_model_scripts are valid only for a standalone standard OFS LRM v2.0.0.0.0 installation. For customized and an integrated environment, ensure to take a backup as per data model dependencies in pre_model_script.

5. Execute 'pre_model_scripts/compile_config.sql' on the config schema in which OFS LRM v2.0 is installed.

    Note: ##INFODOM## is the place holder for the Infodom Name.

6. Restart all the OFSAAI services.

7. Perform an incremental Upload of the Data model provided in Data Model folder through OFSAAI data model upload utility. The below cases needs to be addressed for uploading the data model.

    Case 1: OFS LRM v2.0.0.0.0 is the only application installed.

    i. If the OFS LRM v2.0.0.0.0 data model has not been customized, upload OFS LRM v2.0.1.0.0 Sliced Data Model Oracle (Erwin 7.x)-V6.1.xml present under the DataModel folder.

    Case 2: OFS Liquidity Risk Management v2.0 is installed along with other applications

    In the above case, refer to the following steps:

    i. Merge OFS LRM v2.0.1.0.0 Sliced Data Model Oracle (Erwin 7.x)-V6.1.erwin present under the Data Model folder with the model of all other

> applications already installed in the infodom where OFS LRM v2.0 had
> been installed.

> ii.   Perform successful incremental model upload of the new merged model.

8. After data model has been uploaded successfully, stop all OFSAAI services. Navigate
   to the path 16593534_generic folder and ensure that "install.sh" file has executed
   permission set. Else, execute the command: chmod 755 "install.sh.

9. Execute below grants successfully in config schema (Replace the placeholder
   &atomic_db_user with appropriate value).

   - grant select on PR2_OBJECT_TL to &atomic_db_user;

   - grant select on PR2_OBJECT_TRACE to &atomic_db_user;

   - grant select on PR2_PROCESS_B to &atomic_db_user;

   - grant select on PR2_PROCESS_TASK to &atomic_db_user;

   - grant select on PR2_PROCESS_TASK_PARAMETER to &atomic_db_user;

   - grant select on PR2_PROCESS_TASK_PRECEDENCE to &atomic_db_user;

   - grant select on PR2_RULE_B to &atomic_db_user;

   - grant select on PR2_RULE_MAP to &atomic_db_user;

   - grant select on PR2_RULE_OBJECT to &atomic_db_user;

   - grant select on PR2_RULE_OBJECT_MEMBER to &atomic_db_user;

   - grant select on PR2_RUN_B to &atomic_db_user;

   - grant select on PR2_RUN_OBJECT to &atomic_db_user;

10. Execute **install.sh** file. Verify if the Service Pack is applied successfully by checking
    the log file generated in the $FIC_HOME folder with name
    LRM_INFODOM_timestamp.log. in addition, verify **Atomic.log** and **Config.log** for any
    atomic and config specific failed scripts respectively in the 16593534_generic/log
    folder. Ignore ORA-00001, ORA-00955 and ORA-00904 errors in log file. In case of
    any other errors, contact Oracle Support.

11. Add the below entries in the web.xml file present at location
    $FIC_WEB_HOME/webroot/WEB-INF under session listener.

    > <listener>

    > <listener-class>com.ofs.lrm.session.SessionTempDataHandler</listener-
    > class>

    > </listener>

12. If Oracle Financial Services Limit Management link is required :

    a. Navigate to $FIC_APP_HOME/common/FICServer/conf

    b. Open the CustomLHSMenu.xml file and add the following entry immediately after the <MENU> tag

        ```
        <MENUITEM ID="LM" PROTECTED="false" LINK_TEXT="Limit
        Management" LINK_IMAGE="images/tree_icons_ror.gif"
        URL="formsFramework/menu/LMindex.jsp"
        TOOLTIP_TEXT="Forms Framework" FGCOLOR="#000000"
        FONT_FACE="Arial,Helvetica" FONT_STYLE="normal"
        FONT_SIZE="12"
        BGIMAGE="images/rev_menu_orange.gif"
        CLOSE_ON_LOGOUT="false" ALLOWS_DUPLICATE="false"
        FUNCTION_LIST="SCR_LIM"
        HELP_LINK="help/help_en_US/ROR/helpfile.htm"
        HELP_IMAGE="images/rev_menu_help.gif">
        <PARAMETERS>
        <PARAM NAME="dsn" VALUE="%{dsn}" />
        </PARAMETERS>
        </MENUITEM>
        ```

    Note: If the above entry is already present, skip the step.

13. Generate the EAR/ WAR file and redeploy the application.

    Note: This step should be done after service pack has been applied on all the OFSAAI layers.

14. Restore data of the tables for which back-up has been taken.

    Note: For restoring data, see *LRM 2.0.1.0.0 Service Pack Data Migration Guide.*

15. Start all OFSAAI Services.

    Note:
    - The unzipped service pack folder should be copied to each of the OFSAAI tiers in case of multi-tier installations.
    - All Staging Source definitions should be referred from STAGING Source available under FSAAPS application.

16. For creating and deploying EAR/WAR file, see *OFSAAI Infrastructure Installation manual*.

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