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Oracle Financial Services Basel Regulatory Capital Basic 6.1.0.0.0 Data Migration Guide

Document Control

Version Number	Revision Date	Changes Done
Version 6.1	Created on August 2013	Captured the data migration activities for 6.1.0.0.0 Release enhancements.
6.1 (6.0-6.1 Upgrade)	Revised on January 2014	Updated the 6.0-6.1 upgrade related information and updated the suggested reviewed changes.
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Executive Summary

The document includes the necessary instructions for module specific configurations. We recommend you to download the latest copy of this document from OTN library which includes all the recent additions/revisions (if any) done till date.

Data Migration

Introduction

Data migration is the process of transferring data between storage types, formats, or computer systems. Data migration phases (design, extraction, cleansing, load, and verification) for applications of moderate to high complexity are commonly repeated several times before the new system is deployed.
Data migration is applicable after the installation of the Basel 6.1.0.0.0.

Prerequisites

- In params.conf file, which is available in the migration kit, set the value for the parameter INFODOM as INFODOM=<<INFODOM NAME>>.
- For the below mentioned tables, the backup data is taken and data is deleted by pre_model scripts. In case of failure during the upgrade, restoration needs to be done from these backups.

Data Migration Activities

This process is applicable only for upgrade from Oracle Financial Services Basel II Regulatory Capital Basic Release 6.0.0.0.0 to Oracle Financial Services Basel Regulatory Capital Basic Release 6.1.0.0.0.

Steps for Migration:

1. Navigate to the “Migration” directory in the installer extracted area.
2. Provide Read and Execute permissions to all the files under the above-mentioned directory.
3. In this folder, update the entries in the ‘params.conf’ file. Provide the values for following parameter in params.conf file.

   INFODOM (Information Domain name)

4. Execute the following command.
   ./migration.sh post
5. Restart the app server and re-save all hierarchies.

   Refer to the “logs” file for errors. The log file is present in the current directory.

For more information on pre-model, see
OFS BaselBasic V6.1.0.0.0 on OFSAAI7.3.2.2.0OEL RHEL Tomcat Ora11gR2 Installation Manual.

Migration kit will run the migration scripts to restore the application tables from backup tables.

Table Name	Backup Table Name	Backup Table Script	Delete Data Script	Drop Table Script	Restoration Script
DIM_CAPITAL_ACCT_HEAD	B2_DIM_CAPITAL_ACCT_HEAD	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		DIM_CAPITAL_ACCT_HEAD.sql
DIM_CAPITAL_COMP_GROUP	B2_DIM_CAPITAL_COMP_GROUP	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		DIM_CAPITAL_COMP_GROUP.sql

Table Name	Backup Table Name	Backup Table Script	Delete Data Script	Drop Table Script	Restoration Script
DIM_MR_ASSET	B2_DIM_MR_ASSET	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		DIM_MR_ASSET.sql
DIM_MR_ASSET_CLASS	B2_DIM_MR_ASSET_CLASS	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		DIM_MR_ASSET_CLASS.sql
FCT_COMMON_ACCOUNT_SUMMARY	B2_FCT_COMMON_ACCOUNT_SUMMARY	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		
FCT_EC_SUMMARY	B2_FCT_EC_SUMMARY	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		
FCT_ENTITY_INFO	B2_FCT_ENTITY_INFO	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_ENTITY_INFO.sql
FCT_MARKET_RISK_CAPITAL	B2_FCT_MARKET_RISK_CAPITAL	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_CAPITAL.sql
FCT_MARKET_RISK_COM_CAPITAL	B2_FCT_MARKET_RISK_COM_CAPITAL	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_COM_CAPITAL.sql
FCT_MARKET_RISK_EQ_CAPITAL	B2_FCT_MARKET_RISK_EQ_CAPITAL	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_EQ_CAPITAL.sql
FCT_MARKET_RISK_EXPOSURES	B2_FCT_MARKET_RISK_EXPOSURES	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_EXPOSURES.sql
FCT_MARKET_RISK_FOREX_CAPITAL	B2_FCT_MARKET_RISK_FOREX_CAPIT	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_FOREX_CAPITAL.sql
FCT_MARKET_RISK_IR_CAPITAL	B2_FCT_MARKET_RISK_IR_CAPITAL	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_IR_CAPITAL.sql
FCT_MARKET_RISK_SUMMARY	B2_FCT_MARKET_RISK_SUMMARY	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_SUMMARY.sql
FSI_PHASE_IN_TREATMENT	B2_FSI_PHASE_IN_TREATMENT	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FSI_PHASE_IN_TREATMENT.sql
STG_ACCOUNTING_HEAD	B2_STG_ACCOUNTING_HEAD	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		
DIM_INSTRUMENT_CONTRACT	B2_DIM_INSTRUMENT_CONTRACT	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		DIM_INSTRUMENT_CONTRACT.sql
FCT_BANK_POSITIONS	B2_FCT_BANK_POSITIONS	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_BANK_POSITIONS.sql
FCT_CAPITAL_ACCT_HEAD	B2_FCT_CAPITAL_ACCT_HEAD	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_CAPITAL_ACCT_HEAD.sql
FCT_RISK_TYPE_SCORE_LE	B2_FCT_RISK_TYPE_SCORE_LE	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_RISK_TYPE_SCORE_LE.sql

Table Name	Backup Table Name	Backup Table Script	Delete Data Script	Drop Table Script	Restoration Script
FCT_ISSUED_INSTR_POSITIONS	B2_FCT_ISSUED_INSTR_POSITIONS	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		
FCT_MKT_INSTRUMENT_CONTRACT	B2_FCT_MKT_INSTRUMENT_CONTRACT	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MKT_INSTRUMENT_CONTRACT.sql
FCT_NON_SEC_EXPOSURES	B2_FCT_NON_SEC_EXPOSURES	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_NON_SEC_EXPOSURES.sql
FCT_STANDARD_ACCT_HEAD	B2_FCT_STANDARD_ACCT_HEAD	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_STANDARD_ACCT_HEAD.sql
FCT_UNDERLYING_DTL	B2_FCT_UNDERLYING_DTL	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_UNDERLYING_DTL.sql
FCT_YIELD_CURVE	B2_FCT_YIELD_CURVE	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_YIELD_CURVE.sql
FCT_ATTRIBUTION_ADVANCED_APPR	B2_FCT_ATTRIBUTION_ADVANCED_AP	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_ATTRIBUTION_ADVANCED_APPR.sql
FCT_ATTRIBUTION_SIMPLE_APPR	B2_FCT_ATTRIBUTION_SIMPLE_APPR	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_ATTRIBUTION_SIMPLE_APPR.sql
FCT_CALC_ACCT_HEAD	B2_FCT_CALC_ACCT_HEAD	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_CALC_ACCT_HEAD.sql
FCT_CONC_RISK_MEASURE	B2_FCT_CONC_RISK_MEASURE	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_CONC_RISK_MEASURE.sql
FCT_COUNTERPARTY_EXPOSURE	B2_FCT_COUNTERPARTY_EXPOSURE	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_COUNTERPARTY_EXPOSURE.sql
FCT_EQUITY_EXPOSURES	B2_FCT_EQUITY_EXPOSURES	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_EQUITY_EXPOSURES.sql
FCT_EXPOSURE_LIMITS	B2_FCT_EXPOSURE_LIMITS	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_EXPOSURE_LIMITS.sql
FCT_GL_EXECUTION_INFO	B2_FCT_GL_EXECUTION_INFO	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_GL_EXECUTION_INFO.sql
FCT_MARKET_RISK_FOREX	B2_FCT_MARKET_RISK_FOREX	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_MARKET_RISK_FOREX.sql
FCT_NETTABLE_POOL	B2_FCT_NETTABLE_POOL	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_NETTABLE_POOL.sql
FCT_OPERATIONAL_LOSS	B2_FCT_OPERATIONAL_LOSS	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_OPERATIONAL_LOSS.sql
FCT_OPS_RISK_DATA	B2_FCT_OPS_RISK_DATA	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_OPS_RISK_DATA.sql

Table Name	Backup Table Name	Backup Table Script	Delete Data Script	Drop Table Script	Restoration Script
FCT_OPS_RISK_SUMMARY	B2_FCT_OPS_RISK_SUMMARY	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_OPS_RISK_SUMMARY.sql
FCT_REG_COUNTERPARTY_CVA	B2_FCT_REG_COUNTERPARTY_CVA	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_REG_COUNTERPARTY_CVA.sql
FCT_REG_CVA_SUMMARY	B2_FCT_REG_CVA_SUMMARY	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_REG_CVA_SUMMARY.sql
FCT_REPORTING_GROUP_INPUT	B2_FCT_REPORTING_GROUP_INPUT	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_REPORTING_GROUP_INPUT.sql
FCT_REPORTING_GROUP_OUTPUT	B2_FCT_REPORTING_GROUP_OUTPUT	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_REPORTING_GROUP_OUTPUT.sql
FCT_RESERVES	B2_FCT_RESERVES	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_RESERVES.sql
FCT_SEC_EXPOSURES	B2_FCT_SEC_EXPOSURES	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_SEC_EXPOSURES.sql
FCT_SEC_INCEPTION_DATA	B2_FCT_SEC_INCEPTION_DATA	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_SEC_INCEPTION_DATA.sql
FCT_SECURITIZATION_ACTIVITY	B2_FCT_SECURITIZATION_ACTIVITY	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_SECURITIZATION_ACTIVITY.sql
FCT_SECURITIZATION_POOL	B2_FCT_SECURITIZATION_POOL	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_SECURITIZATION_POOL.sql
FCT_SECURITIZATION_TRANCHE	B2_FCT_SECURITIZATION_TRANCHE	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_SECURITIZATION_TRANCHE.sql
FCT_SUB_EXPOSURES	B2_FCT_SUB_EXPOSURES	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_SUB_EXPOSURES.sql
FSI_MINORITY_INTEREST	B2_FSI_MINORITY_INTEREST	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FSI_MINORITY_INTEREST.sql
fct_fund_equity_investment	B2_fct_fund_equity_investment	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		fct_fund_equity_investment.sql
FCT_CAPITAL_CONSERVATION_RATIO	B2_FCT_CAPITAL_CONSERVATION_RA	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_CAPITAL_CONSERVATION_RATIO.sql

Assumptions:

- If the data model is enhanced beyond standard out of box Basel application, post installation scripts will not take care of restoring the data for the customization.
- Columns in the staging tables which are not used by Basel, will be restored as it is, and no logic of transformation will be used, though it is possible

Example: If a new column residual maturity in months is introduced by another application, and it can be populated as residual maturity in years*12, restoration scripts will not account for this transformation.

- To change the default values, you have to modify the scripts in the Migration\scripts\atomic\insert folder and then proceed using the migration utility.
- Script restores only those rows, which are V_LV_CODE as Parent Entity Code in the DIM_CAPITAL_ACCOUNTING_HEAD, FSI_CAPITAL_STANDARD_MAPPING tables in the Basel 6.0 data.
- FCT_COMMOM_ACCOUNT_SUMMARY and FCT_REG_CAP_ACCOUNT_SUMMARY are not restored by the migration kit. They need to be migrated separately.
- Post migration, verify if all the above mentioned back up tables are restored.
- After verification, you have to execute the post_instalation_drop_backup_tables.sql file present in the Migration\scripts\atomic\create folder to drop the backup tables.
- Utility expects Entity Code and the Party ID are same for the entities which are part of consolidation (Entity Code in the DIM_ORG_STRUCTURE and Party ID in the DIM_PARTY table).

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