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Oracle Financial Services Basel Regulatory Capital Analytics 6.1.1.0.0 Data Migration Guide

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 Oracle Financial Services Basel Regulatory Capital Analytics 6.1.1.0.0.

The information contained in this document is intended to give you a quick exposure and an understanding of the data migration procedures.

Data Migration Activities

This process is applicable only for upgrade from Oracle Financial Services(OFS) Basel Regulatory Capital Analytics Release v 6.1.0.0.0 to Oracle Financial Services Basel Regulatory Capital Analytics Release 6.1.1.0.0 for:

- Standalone installation

Prerequisites

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. For more information regarding Pre-upgrade and Upgrade activities, refer to the *Oracle Financial Services Basel Regulatory Capital Analytics v6.1.1.0.0 Installation Manual*.

Steps for Migration (From OFS Basel Regulatory Analytics Release v6.1.0.0.0 to v6.1.1.0.0):

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.

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

DIM_CAPITAL_COMP_GROUP.sql

FSI_PHASE_IN_TREATMENT.sql

FCT_SUB_EXPOSURES.sql

FCT_STANDARD_ACCT_HEAD.sql

FCT_SECURITIZATION_TRANCHE.sql

FCT_SECURITIZATION_POOL.sql

FCT_SECURITIZATION_ACTIVITY.sql

FCT_SEC_INCEPTION_DATA.sql

FCT_SEC_EXPOSURES.sql

FCT_RISK_TYPE_SCORE_LE.sql

FCT_RESERVES.sql

FCT_REPORTING_GROUP_OUTPUT.sql

FCT_REPORTING_GROUP_INPUT.sql

FCT_REG_CVA_SUMMARY.sql

FCT_REG_COUNTERPARTY_CVA.sql

FCT_OPS_RISK_SUMMARY.sql

FCT_OPS_RISK_DATA.sql

FCT_NON_SEC_EXPOSURES.sql

FCT_NETTABLE_POOL.sql

FCT_MARKET_RISK_FOREX.sql

FCT_EXPOSURE_LIMITS.sql

FCT_EQUITY_EXPOSURES.sql

FCT_ENTITY_INFO.sql

FCT_COUNTERPARTY_EXPOSURE.sql

FCT_CONC_RISK_MEASURE.sql

FCT_ATTRIBUTION_SIMPLE_APPR.sql

FCT_ATTRIBUTION_ADVANCED_APPR.sql

FCT_MARKET_RISK_CAPITAL.sql

FCT_MARKET_RISK_COM_CAPITAL.sql

FCT_MARKET_RISK_EQ_CAPITAL.sql

FCT_MARKET_RISK_EXPOSURES.sql

FCT_MARKET_RISK_FOREX_CAPITAL.sql

FCT_MARKET_RISK_IR_CAPITAL.sql

FCT_MARKET_RISK_SUMMARY.sql

Recompile all functions, procedures, views, materialized views in atomic schema.

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 Migration\scripts\atomic\insert folder, and then proceed using the migration utility.
- 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, in atomic schema.

Oracle Financial Services Basel Regulatory Capital Analytics Release 6.1.0.0.0 comes with specific data model changes. It includes the columns listed below with suggested set of default values.

Table Name	Backup Table Name	Backup Table Script	Delete Data Script	Drop Table Script	Restoration Script
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
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
FCT_RISK_TYPE_SCORE_LE	B2_FCT_RISK_TYPE_SCORE_	Pre_model_create_backup	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
	LE	_tables.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_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_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_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_OPS_RISK_DATA	B2_FCT_OPS_RISK_DATA	Pre_model_create_backup_tables.sql	Pre_model_delete_data.sql		FCT_OPS_RISK_DATA.sql
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

Table Name	Backup Table Name	Backup Table Script	Delete Data Script	Drop Table Script	Restoration Script
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

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