

Oracle® Retail Data Model

Release Notes

Release 11.3.2

E20364-04

January 2013

Changes for this release and known issues in the current release of Oracle Retail Data Model are documented in the following sections:

- [New Features and Changes in Release 11.3.2](#)
- [New Features and Changes in Release 11.3.1](#)
- [Known Issues](#)
- [Documentation](#)
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1 New Features and Changes in Release 11.3.2

Oracle Retail Data Model Release 11.3.2 includes the following new features:

New Feature	Description
Scripts added to assist in extending the time dimension.	Oracle Retail Data Model now provides scripts and a procedure to assist in extending the initially set Time Dimension as required for an implementation.
Logical Data Model Entities Added	EXTERNAL DEPOSITORY TENDER HISTORY IMPRESSION EVENT TYPE PLAN TYPE RETAIL TENDER HISTORY DERIVED TRANSFER IN OUT DOCUMENT

New Feature	Description
Logical Data Model Entities Removed	CATALOG REQUEST TYPE CATALOG TYPE CHECK IN TYPE CODE DETAIL CODE DETAIL CUSTOMER ORDER MANAGEMENT CODE MASTER COST VALUATION LEDGER ACCOUNT CUSTOMER ORDER HOLD EVENT DRUG ITEM ICD LINE ITEM ASSIGNMENT REASON ICD LINE ITEM ASSIGNMENT TYPE LIST ATTRIBUTES LIST QUICK FACTS PHYSICAL COUNT TRANSACTION PRICING ITEM LOCATION DAY PROMOTION COST CONTRIBUTION WEEK AGGR PROMOTION SALES MARGIN WEEK AGGR PROMOTION TRIGGER TYPE RETAIL MARKDOWN DEPARTMENT DAY AGGR RETAIL MARKDOWN DEPARTMENT WEEK AGGR RETAIL MARKDOWN ITEM DAY AGGR RETAIL MARKDOWN ITEM WEEK AGGR RETAIL TENDER HISTORY RETAIL VALUATION LEDGER ACCOUNT RETURN AND TRANSFER IN OUT DOCUMENT STOCK LEDGER SUBCLASS MONTH AGGR STOCK LEDGER SUBCLASS WEEK AGGR TENDER CONTROL TYPE THEFT TYPE TILL TENDER TOTAL TYPE VENDOR CONTRACT ITEM DAY AGGR
Support for additional measures and new reports	Many reports are updated and improved for this release.

2 New Features and Changes in Release 11.3.1

Oracle Retail Data Model Release 11.3.1 includes the following new features:

New Feature	Description
Oracle Database 11g Release 2	Oracle Retail Data Model Release 11.3.1 supports Oracle 11g Release 2 (11.2) as the underlying database, including: <ul style="list-style-type: none"> ■ Interval Partition: an extension of range partitioning which instructs the database to automatically create partitions of a specified interval when data inserted into the table exceeds all of the existing range partitions. ■ Improved OLAP ■ Reduces the number of materialized views, improves performance, and provides enhanced manageability. ■ Improved Mining
ARTS Data Model 6.0	This version of Oracle Retail Data Model contains the Association for Retail Technology Standard (ARTS) Data Model version 6.0.
New Database Objects	These support the following areas: <ul style="list-style-type: none"> ■ Food service transactions, recipe, and reservations ■ Manufacturer's view of items and multiple retailers ■ Retailer private label and business to business sales ■ Retailers: in-store, e-commerce, catalog, wholesale ■ Wholesale franchise customers and stores ■ Point of Service control transactions, Store Financials ■ Invoice, Receivable, Payable, General Ledger, Journal Entries
New Advanced Analytics, Forecasting, and Prediction	Including: Price Elasticity, Customer Sentiment, Customer Value, Workforce Optimization
Support for additional measures and new reports	Improved reports with less operational and more advanced analytics. Update-able metadata for impact and lineage analysis.

3 Known Issues

The following are Oracle Retail Data Model known issues:

- [Section 3.1, "OLAP C Patch Required"](#)
- [Section 3.2, "Unit of Measure \(UOM\) Functionality Not Supported"](#)
- [Section 3.3, "Missing Staging Tables and Staging to Base/Reference ETL"](#)
- [Section 3.4, "Oracle Retail Data Model 10.2 to 11.3.1 Upgrade Not Supported"](#)
- [Section 3.5, "Deinstall Warning Message can be Ignored"](#)
- [Section 3.6, "Manual Intra-ETL Execution"](#)
- [Section 3.7, "Installing Sample Reports on AIX Platform Fails"](#)
- [Section 3.8, "Installer Dialog and Dialog Help Correction"](#)
- [Section 3.9, "Installer Dialog Install Type Dialog Bubble Help is Not Correct"](#)

3.1 OLAP C Patch Required

Before installing Oracle Retail Data Model you need to obtain the appropriate OLAP C Patch for your platform and install the OLAP C patch for Oracle Database 11.2.0.3.0.

Do the following to obtain and install the OLAP C patch:

1. To obtain the appropriate patch for your platform, go to My Oracle Support at <https://support.oracle.com>
2. Go to Patches & Updates tab, Search for Patch Number 15928745 and select Enter. Choose the patch 15928745 with Description "OLAP A PATCH FOR 11.2.0.3.0 (Patch)" and also choose the Platform from available choices and download the patch.
3. Unzip the patch and follow the installation in the readme file to install the patch.

3.2 Unit of Measure (UOM) Functionality Not Supported

Bug 14163842 - Unit of Measure (UOM) functionality is not supported

The Unit of Measure (UOM) functionality is not supported in Oracle Retail Data Model Release 11.3.1.

Workaround

There is no workaround for this issue.

3.3 Missing Staging Tables and Staging to Base/Reference ETL

Bug 14188114 - missing staging tables and staging to base/reference ETL

The staging layer consists of interface tables and ETL to move data from staging tables to base/reference tables. The staging and Interface layer is not included in the Oracle Retail Data Model installation.

Workaround

There is no workaround for this issue.

3.4 Oracle Retail Data Model 10.2 to 11.3.1 Upgrade Not Supported

Bug 14188107: Upgrade From 10.2 Not Supported

Oracle Retail Data Model does not provide support for the upgrade path from Oracle Retail Data Model Release 10.2 to Oracle Retail Data Model 11.3.1.

Workaround

There is no workaround for this issue.

3.5 Deinstall Warning Message can be Ignored

Bug 14050274 and Bug 14003000: deinstall warning error in the deinstall log file

The following warning message or messages similar to the following message can be ignored on deinstall:

```
WARNING: Error while copying directory
ORACLE_BASE/dbhome_1/inventory with exclude file list
'/tmp/OraInstall2012-01-11_02-37-25PM/installExcludeFile.lst' to nodes "xxx_xxx"
[PRCF-2016 : Required binary file "ractrans" not found]
```

Refer to `/orainventory_location/logs/installActions2012-01-11_02-37-25PM.log` for details.
You may fix the errors on the required remote nodes.
Refer to the install guide for error recovery.

3.6 Manual Intra-ETL Execution

Bug 13737901 Workflow Manual Execution Shell Script `ordm_execute_wf.sh` Missing

Oracle Retail Data Model is missing a program to manually execute the Intra-ETL.

Workaround

Run the Intra-ETL as described in the *Oracle Retail Data Model Implementation and Operations Guide*, in the sections: "Executing the Default Oracle Retail Data Model Intra-ETL" and "Refreshing the Data in Oracle Retail Data Model Warehouse".

3.7 Installing Sample Reports on AIX Platform Fails

On the AIX platform, the sample reports install can fail with the following errors if the database is not configured according to the documented requirements. Depending on how your AIX platform is configured, you may see errors similar to the following. You can find these error details in the Oracle Retail Data Model configuration log file:

```
$ORACLE_BASE/cfgtoollogs/ordm/ordm_<date_time>.log
```

```
ORA-39014: One or more workers have prematurely exited.  
ORA-39029: worker 1 with process name "DW00" prematurely terminated  
ORA-31671: Worker process DW00 had an unhandled exception.  
ORA-04030: out of process memory when trying to allocate 16048 bytes (session  
heap,kuxLpxAlloc)  
ORA-06512: at "SYS.KUPW$WORKER", line 1838  
ORA-06512: at line 2  
ORA-39097: Data Pump job encountered unexpected error -1427  
ORA-39065: unexpected master process exception in MAIN  
ORA-01427: single-row subquery returns more than one row
```

or

```
ORA-39083: Object type PROACT_SCHEMA failed to create with error:  
ORA-04031: unable to allocate bytes of shared memory ("", "", "", "")  
Failing sql is:  
BEGIN  
sys.dbms_cube_exp.schema_info_imp_11_2('ORDM_SAMPLE', 1, 1, '11.02.00.00.00', 'D  
BMS_CUBE_EXP$$CLOB_TBL');COMMIT; END;
```

Resolution

For details on setting AIX configuration parameters as required for Oracle Retail Data Model, see *Oracle Retail Data Model Installation Guide* and for details on setting configuration parameters for AIX, review the section, "Configure Shell Limits and System Configuration Parameters" in Chapter 2, "Oracle Database Preinstallation Requirements", in *Oracle Database Installation Guide for IBM AIX on POWER Systems (64-Bit)*.

You need to modify the parameters:

- Soft DATA segment: set to -1 (Unlimited)

- Soft Real Memory size: set to -1 (Unlimited)

For more details, see Bug 14019338 and Bug 14369235.

3.8 Installer Dialog and Dialog Help Correction

Bug 15987048 Help Button for Specify Partition Information Dialog is Wrong

During Oracle Retail Data Model Installation, when running the installer the dialog "Specify Partition Information" contains incorrect help text for the following field:

Interval Partition Start *(YYYY-MM-DD)

Workaround: Corrected Installer and Installer Help Text

For the fields in this dialog, the help text should be:

- **Interval Partition Start Date:** Specify the interval partition start date, which is used for creating initial interval partitions on base tables, derived tables, and aggregate materialized views. The interval partitions are the first level partitions.
- **Number of Hash Partitions for Business Unit Key:** Specify the number of second level partitions created for business unit key.
- **Number of Hash Partitions for SKU Item Key:** Specify the number of second level partitions created for SKU item key.

Also, the first paragraph on the help screen for "Specify Partition Information" dialog should be:

Specify the interval partition start date, which is used for creating initial interval partitions on base tables, derived tables, and aggregate materialized views. The interval partitions are the first level partitions.

3.9 Installer Dialog Install Type Dialog Bubble Help is Not Correct

Bug 14243205 - Installer Dialog Bubble Help Shows Specify Installation Location for All Fields

In Install type dialog, the bubble help icon for all fields shows, "Specify Oracle Retail Data Model Installation Location information".

Workaround

Refer to the *Oracle Retail Data Model Installation Guide* for details on the fields in this dialog.

4 Documentation

The Oracle Retail Data Model documentation includes the following books:

- *Oracle Retail Data Model Installation Guide*
- *Oracle Retail Data Model Reference*
- *Oracle Retail Data Model Implementation and Operations Guide*

5 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>.

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