Oracle® Retail Merchandising System

Release Notes

Release 12.0.11

April 2010

This document highlights the major changes for Oracle Retail Merchandising System (RMS) Release 12.0.11. RMS 12.0.11 includes defect fixes and technical enhancements.

Oracle Customer Support investigates submitted issues assuming that all released patches have been applied. It is the customer's decision when to apply a patch; however, delays in applying patches can complicate the support process.

Hardware and Software Requirements

See the *Oracle Retail Merchandising System Installation Guide* for information about the following:

- Hardware and software requirements

- Oracle Retail applications software compatibility

Applying Source Code

> **Note:** The RMS 12.0.11 patch contains all the bundled hot fix releases since RMS 12.0.10, plus "delta" defect fixes since the last bundled hot fix. The following defect fixes make up the RMS 12.0.11 patch:
>
> - 12.0.10.2
>
> - 12.0.10.3
>
> - 12.0.10.4
>
> - 12.0.10.x.delta (defect fixes since bundled hot fix release 12.0.10.4)
>
> (Release 12.0.10.1 was a documentation-only release and did not include any software changes.)
>
> With this release, patching is more flexible because the patch can be started at any bundled hot fix level. For example, if Release 12.0.10.2 has already been applied, then it is only necessary to apply 12.0.10.3, 12.0.10.4 and 12.0.10x.delta defect fixes.
>
> See the *Oracle Retail Merchandising System Installation Guide* for instructions about how to install all bundled hot fix releases plus the delta defect fixes.

Before applying RMS 12.0.11, be sure that RMS 12.0 and all patches through RMS 12.0.10 have been applied.

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Before applying the patch source files over your code:

- Note whether any modules have been customized. If so, the customizations must be reapplied to the new version of the module, or the fix may need to be applied to the custom version of the code.

- Copy the original files to a different directory before you copy over them, in case you need to refer to them at a later date.

Running Scripts

> **Note:** Scripts do not preserve data. Be sure that all data is backed up before you run any scripts supplied with this release.

Back up data before running any script, because the scripts provided do notpreserve data. See defect reports for details. Check with your database administrator to determine whether your database should be analyzed after a script is run. In many cases, analysis of the database is necessary to take advantage of new or modified indexes intended to improve performance of the application.

Technical Enhancements

Oracle Retail Merchandising System Release 12.0.11 introduces the following technical enhancements.

RMS PL/SQL Application Program Interfaces (API)

For Release 12.0.11, new functionality has been added to handle input, validation, and integration of data for items and cost changes through APIs. These public PL/SQL APIs are based on Retail Business Object (RBO) architecture. These APIs can be invoked to perform business process operations such as creating or updating items, cost changes, and deals.

There are two principal types of APIs:

- Fetch APIs

  Fetch APIs are used to retrieve RMS and RPM seed data (for example, a list of departments for a Department list of values object). There are more than 100 fetch APIs.

- Create, update, and delete (CRUD) APIs

  These APIs perform business process operations for a specific functionality. This release covers CRUD functionality for item and cost changes, specifically the following operations:

  - Create a cost change

  - Create an item

  - Create details for an item in RMS (for example, add a supplier or location)

For more information, see the following:

- *Oracle Retail Merchandising System Operations Guide, Volume 2*

- Defect report for defect 9578460, included in this release

Oracle Enterprise Linux Release 5 Update 3

RMS 12.0.11 is certified with Oracle Enterprise Linux Release 5 Update 3, in addition to the operating systems previously supported. See the *Oracle Retail Merchandising System Installation Guide* for complete information about software environment requirements and options.

Oracle Application Server 10g (10.1.2.3)

RMS 12.0.11 is compatible with Oracle Application Server 10g (10.1.2.3).

Enhanced Data Security Options

For Release 12.0.11, RMS supports the following options for enhanced data security:

- RMS 12.0.11 supports enhanced data protection for the RMS schema using Oracle Database Vault with Oracle Database 10g Release 2. When Oracle Database Vault protection is enabled, it also protects the RMS schema for other applications that use it, including Oracle Retail Price Management, Invoice Matching, and Allocation.

- Oracle Retail Sales Audit (ReSA) 12.0.11 supports transparent data encryption (TDE) with Oracle Database 10g Release 2 and the Advanced Security option.

See the *Oracle Retail Merchandising System Installation Guide* for more information about using these security options.

See the Oracle Database Vault documentation for Oracle Database 10g Release 2 for more information about Oracle Database Vault installation, configuration, and operations.

For information about transparent data encryption, see the *Oracle Database Advanced Security Administrator's Guide* for Oracle Database 10g Release 2 (B14268-02).

Defect Fixes and Documentation

A defect fix is a modification to the base Oracle Retail code (for example, a bug fix, a performance enhancement, or a functional enhancement). Each defect fix that is included in this patch has a corresponding defect report titled *<module defect-number>*.PDF (for example, saldly 1234567.PDF).

In the same folder, the file named DEFECT MODULE XREF RMS 12.0.11.XLS lists every defect number and the modules and scripts that are included in the patch. Review each defect report carefully before this patch is implemented. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

Noteworthy Defect Fixes

The following defect fixes and enhancements are included in RMS 12.0.11. This is not a complete list; see the cross-reference spreadsheet and defect reports for a complete list and full details.

Defect Number	Summary
7482524	The receiver cost adjustment for a matched or partially matched shipment does not update the shipment or create tran data. Also see ReIM bugs 8273962 and 7690721.
7601970	After the store day is deleted, the same transaction numbers uploaded previously are checked for duplicates. If the customer deletes the store day from the online form, RMS does not allow uploading the same transactions for the store day and treats these as duplicate transactions.
7692533	A change in the exchange rate in the purchase order screen does not calculate and display the expenses correctly.
8229746	Letter Of Credit functionality in RMS needs to use November 2008 SWIFT standards.
8742668	Primary cost pack functionality is introduced to deposit complex packs.
8939886	There are no placeholders to enter adjustment_type and adjustment_value when creating an EG transfer, and the Transfer_Price field is being populated as NULL in the tsfdetail table. Also see Oracle Retail Integration Bus (RIB) bug 9161071.
8979048	HTSUPLD is not updating the ORDER table with new HTS information.
9024287	An ORA-01847 error occurs when running the dealex batch.
9027936	A new item location created in a warehouse or store after the deal active date is not exploded into the DEAL_ITEM_LOC_EXPLODE table.
9062442	Allocation performance issue. Also see Oracle Retail Allocation bug 8846078.
9087649	Sending revisions of a pre-marked order if the order is closed or cancelled.
9199811	A credit memo is created for automatic positive values invoice processing logic for rebate deals.
9214797	Posupld batch links the consignment item to invoices already posted in ReIM.
9272521	Prepack with same component individual raised in single order is creating a problem in ALC.
9296055	Reclassified items cannot be added to deal_item_loc_explode.
9300156, 9578460	New functionality has been added to handle input, validation, and integration of data for items and cost changes into RMS through APIs.

Related Documentation

For more information, see the following documents in the Oracle Retail Merchandising System Release 12.0.11 documentation set:

- *Oracle Retail Merchandising System Data Model*
- *Oracle Retail Merchandising System Installation Guide*
- *Oracle Retail Merchandising System Online Help*
- *Oracle Retail Merchandising System Operations Guide*
- *Oracle Retail Merchandising System User Guide*
- *Oracle Retail Sales Audit User Guide*
- *Oracle Retail Trade Management User Guide*
- *Oracle Retail Merchandising Batch Schedule*

Oracle® Retail Merchandising System Release Notes, Release 12.0.11

Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

(i) the software component known as **ACUMATE** developed and licensed by Lucent Technologies Inc. of Murray Hill, New Jersey, to Oracle and imbedded in the Oracle Retail Predictive Application Server - Enterprise Engine, Oracle Retail Category Management, Oracle Retail Item Planning, Oracle Retail Merchandise Financial Planning, Oracle Retail Advanced Inventory Planning, Oracle Retail Demand Forecasting, Oracle Retail Regular Price Optimization, Oracle Retail Size Profile Optimization, Oracle Retail Replenishment Optimization applications.

(ii) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.

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(iv) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Mobile Store Inventory Management.

(v) the software component known as **Crystal Enterprise Professional and/or Crystal Reports Professional** licensed by SAP and imbedded in Oracle Retail Store Inventory Management.

(vi) the software component known as **Access Via™** licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.

(vii) the software component known as **Adobe Flex™** licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

(viii) the software component known as **Style Report™** developed and licensed by InetSoft Technology Corp. of Piscataway, New Jersey, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(ix) the software component known as **DataBeacon™** developed and licensed by Cognos Incorporated of Ottawa, Ontario, Canada, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

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