

Oracle® Retail Merchandising System

Release Notes

Release 14.0.1

E53456-01

May 2014

Oracle Retail Merchandising System (RMS) 14.0.1 is a patch release for RMS 14.0. RMS 14.0.1 includes selected defect fixes and enhancements for RMS 14.0 code.

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

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Overview

Oracle Retail Merchandising System (RMS) is used to execute core merchandising activities, including merchandise management, inventory replenishment, purchasing, vendor management, and financial tracking.

About Patch Releases

Oracle Retail patch releases are periodic releases that can include the following:

- New defect fixes
- Product enhancements

- Technical upgrades

Documentation for patch releases includes the following:

- Updated guide (for example, Data Model) that applies to the patch release level. These documents include applicable updates made since the last release. See “[Related Documentation](#)” for a list of the documents published for RMS 14.0.1.
- Defect reports for new fixes.

Note: Customers must apply the entire patch release to update their installation to the currently supported level.

See the *Oracle Retail Merchandising System Installation Guide* for Release 14.0.1 for instructions about how to apply the defect fixes and enhancements that you have not already applied.

Hardware and Software Requirements

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

- Hardware and software requirements
- Oracle Retail application software compatibility

Applying the Patch Release

Before applying the RMS 14.0.1 patch release, be sure that:

- RMS 14.0 has been installed.

Before applying the new 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

Back up data before running any script, because the scripts provided *do not* preserve 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.

Functional Enhancement

The following functional enhancement is included in Oracle Retail Merchandising System Release 14.0.1:

Defect Number	Summary
18114239	<p>The current process of creating item-location process ranges item to location as non-clearance even if the item-location qualifies for clearance pricing based on pricing rules. This results in inaccurate pricing at the store and inaccurate accounting of the inventory.</p> <p>This issue is addressed by ensuring that when the item-locations are ranged, any zone level clearance is applied to the item-location as applicable. In addition, while creating a new store using the likestore process, an option is provided to determine whether to copy items on clearance to a new store or not. If it is decided to copy clearance items to a new store, clearance related processing occurs to ensure any active zone level clearances are also copied to a new store. No location level clearances are copied during this process. If it is decided not to range the clearance items, they are not ranged to a new store.</p>

Technical Enhancements

The following technical enhancements are included in Oracle Retail Merchandising System Release 14.0.1:

Defect Number	Summary
18227888	<p>The current process of item-location ranging in RMS is slow when the system has a large number of locations and when multiple items are being ranged (for example, Complex Packs and Parent items). This technical enhancement uses asynchronous processing to complete an item location ranging.</p> <p>Asynchronous processing allows a lengthy running job to be run in the background, thereby allowing you to perform other tasks using the User Interface. In this release, a User Interface (UI) Notification Framework is added to notify you when the submitted asynchronous job is completed. It utilizes the Event feature in Oracle Forms 11g that allows the form to subscribe to a database server, an event bound to Oracle Advanced Queuing. A new asynchronous job log form is also added to check the status of a submitted job and perform a retry if needed.</p>

Note: The list below announces the addition of Oracle Retail support for the technology described. See the Installation Guide requirements section for critical information, such as whether the upgrades below replaces previous versions or is supported in addition to already existing versions.

Database Server Support

Oracle Retail Merchandising System Release 14.0.1 is supported for use with the following database server:

- Oracle Database 11gR2 (11.2.0.4) Enterprise Edition

Browser Support

Oracle Retail Merchandising System Release 14.0.1 is supported for use with the following browser:

- Mozilla Firefox 24

Integration Enhancement

The following integration enhancement is included in Oracle Retail Merchandising System Release 14.0.1:

PeopleSoft Financial Management Integration

Oracle Retail Financial Integration (ORFI) has been enhanced in Release 14.0.1 to include Oracle Retail Merchandise Operations Management and PeopleSoft Financials as a packaged financial integration. ORFI supports integration points between the MOM applications and core financials, with a simplified architecture and technology stack.

ReIM and RMS includes operational processes where data must be shared with a company's financial system.

This requirement includes the following two general areas:

- Certain master data that is owned by the financial system is also required in ReIM and RMS to support core business processes.
- The financial result of a retailer's core operations, including invoice matching, needs to become a part of the retailer's General Ledger (GL) to support overall corporate financials and reporting.

Integration with PeopleSoft Enterprise Financials allows RMS to obtain the following data from PeopleSoft financial applications:

- Supplier and supplier site data
- Currency rates
- Payment terms
- Chart of Accounts validation

The Oracle Retail Integration Bus (RIB) is used for currency rates integration. RMS-supplied Web services provide the integration for supplier and payment terms.

This integration also allows the RMS, ReSA, and ReIM applications to perform real-time validation of general ledger account mapping combinations.

Oracle Retail applications can also provide data to PeopleSoft financial applications:

- From RMS, inventory and accounting information can be sent.
- From ReSA, sales information can be sent.
- When integrated with PeopleSoft financial applications, ReIM exports data to accounts payable staging tables or to General Ledger Financials tables, depending on the specific types of transactions.

The integration supports drill-back and drill-forward operations between Oracle Retail applications (RMS, ReSA, and ReIM) and PeopleSoft financial applications, to allow for users of both systems inquiry access to the status of financial transactions.

Product Support

The integration provided as a part of ReIM and RMS is supported by Oracle Retail, providing the retailer with a lower total cost of ownership and a more streamlined support process. For product support and logged defects, the product identifier for Oracle Retail Financial Integration is 10722. Functionality is shared among RMS/ ReIM/ReSA, RIB, ORFI as well as PeopleSoft. For issues you can log defects against ORFI. Each logged defect will be analyzed to determine the source of the reported issue. There may be fixes required for any of the participating products that can mean they will be patched separately.

Documentation Enhancements

Oracle Retail Merchandising System 14.0.1 includes the following documentation enhancements.

Oracle Retail High Availability Case Study 14.0 (ID 1666048.1)

This document describes the steps to configure a highly-available Oracle Linux based environment to support Oracle Retail applications. Using Oracle Fusion Middleware active-active clustering and Oracle Real Application Clusters (RAC) databases, you can deploy Oracle Retail applications to provide high availability and scalability. This case study includes the following documents:

- *Oracle Retail 14.0 High Availability Case Study Introduction*
- *Oracle Retail 14.0 High Availability Case Study Oracle Linux*
- *Oracle Retail 14.0 High Availability Case Study RAC (Real Application Clusters Environment)*
- *Oracle Retail 14.0 High Availability Case Study Fusion Middleware Cluster (Part 1 and 2)*

For more information on configuring single sign-on, review the *Oracle Retail 14.0 High Availability Case Study Fusion Middleware Cluster (Part 2)*.

Two Additional White Papers for the Merchandising Functional Library (ID 1585843.1)

The documents described below are published on My Oracle Support. The documents are additions to the Merchandising Functional Library (ID 1585843.1), a collection of white papers that delve into details about various areas of the functional and business operations within the Merchandising Operations Management suite of applications.

RMS Replenishment Overview White Paper, Release 14.0

This document focuses on the features and functions of RMS Replenishment. Replenishment is a process by which depleted stock in a store or warehouse is replenished. Replenishment in RMS allows the retailers to set up an automatic ordering of items, and RMS monitors the inventory positions at the locations throughout a retail enterprise, down to the item/location levels. Depending on the algorithm used, RMS replenishment is configured to make recommendations or it can create Purchase Orders or Transfers directly, depending on the level of automation desired.

Oracle Retail EDI Interface Implementation Overview

This document describes the various application interfaces related to some common retail Electronic Data Interchange (EDI) transactions supported within the Oracle Retail applications. In addition to the Glossary, this document includes discussions on the following EDI transaction sets:

- 850 - Purchase Order Export
- 860 - Purchase Order Change Export
- 852 - Product Activity Export
- 855 - Purchase Acknowledgement Import
- 856 - Advanced Shipment Notification
- 832 - Price Catalog Import
- 812 - Debit/Credit Adjustment Export
- 838 - Retailer Address Export
- 838 - Supplier Address Import
- 810 - Invoice Import
- 846 - Supplier Inventory Advice Import

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 *<defect-number>.PDF* (for example, 1234567.PDF).

In the same folder, the file named **DEFECT MODULE XREF RMS 14.0.1.XLS** lists every defect number and the modules and scripts that are included in the patch. Review each defect report carefully before implementing the defect fixes. 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 noteworthy defects have been fixed in this release:

Defect Number	Summary
18072991	The POSUPLD batch fails with an error.
17964835	The INVC_HEAD and DETAIL tables have an amount/quantity discrepancy for Direct Store Delivery (DSD), Work Order (WO), and Purchase Order (PO) created from the Store Inventory Management (SIM).
17955723	An incorrect promotional discount amount is sent to Allocation for a void transaction.
18135493	Oracle Retail Sales Audit (ReSA) RTLOG error transaction is out of balance.
18013905	The VENDINVF batch aborts with an ORA-01722 error.
18022428	The NEWITEMLOC batch row locks contention when inheriting deals.

Defect Number	Summary
17999427	The Weighted Average Cost (WAC) is not updated in a store for an item.
18012560	A Performance issue in the Order matrix form.
18014902	The SCCEXT (Supplier Cost Change Extract) batch process has lock issues when multiple threads are run.
17579818	The XALLOC subscription API allows Cross-Dock allocation quantities to exceed PO quantities.
18147169	The Transfer expected and reserved quantity doubles when a Pending Store Order in Store Inventory Management (SIM) is edited and an item is added to it and approved in SIM.
17896202	Inaccurate Stock on Hand (SOH) calculation when inventory adjustment is posted after stock.
17927460	The EDIUPACK batch incorrectly distributes new item quantity.
17997848	The External C library EXTERNAL_APPLY_DEAL_PERF causes an error in Bill-back deals.
17994594	The FUTURE_COST engine populates incorrect PRICING_COST fields for COST_EVEN_TYPE, when it is equal to D.
17997720	The EDIUPACK batch does not range items to the virtual warehouse if the SUP_QTY_LEVEL is equal to the Credit Account (CA).
17939329	A Return to Vendor (RTV) created in Store Inventory Management (SIM) fails in Oracle Retail Integration Bus (RIB) hospital on the RMS end.

Known Issue

The following known issue is reported for Oracle Retail Merchandising System Release 14.0.1. The fix is in development.

- In the retail method of accounting, if the system setting indicates that the Value Added Tax (VAT) should be tracked in the stock ledger, the Gross Margin calculation incorrectly includes VAT in the franchise sales data.

Related Documentation

For more information, see the following document in the Oracle Retail Merchandising System Release 14.0.1 documentation set:

- *Oracle Retail Merchandising System Installation Guide*
- *Oracle Retail Merchandising System Operations Guide*
- *Oracle Retail Merchandising System User Guide and Online Help*
- *Oracle Retail Merchandising System Data Model*
- *Oracle Retail Merchandising Batch Schedule*
- *Oracle Retail Merchandising Security Guide*
- *Oracle Retail Merchandising Implementation Guide*

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>.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Oracle Retail Merchandising System Release Notes, 14.0.1

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Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

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