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.

This document contains the following topics:

- Overview
- About Patch Releases
- Hardware and Software Requirements
- Applying the Patch Release
- Running Scripts
- Functional Enhancement
- Technical Enhancements
- Integration Enhancement
- Documentation Enhancements
- Defect Fixes and Documentation
- Noteworthy Defect Fixes
- Known Issue
- Related Documentation
- Documentation Accessibility

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 | 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.

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.

Technical Enhancements

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

Defect Number | Summary
--- | ---
18227888 | 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.

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.

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).

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:

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>18072991</td>
<td>The POSUPLD batch fails with an error.</td>
</tr>
<tr>
<td>17964835</td>
<td>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).</td>
</tr>
<tr>
<td>17955723</td>
<td>An incorrect promotional discount amount is sent to Allocation for a void transaction.</td>
</tr>
<tr>
<td>18135493</td>
<td>Oracle Retail Sales Audit (ReSA) RTLOG error transaction is out of balance.</td>
</tr>
<tr>
<td>18013905</td>
<td>The VENDINVF batch aborts with an ORA-01722 error.</td>
</tr>
<tr>
<td>18022428</td>
<td>The NEWITEMLOC batch row locks contention when inheriting deals.</td>
</tr>
</tbody>
</table>
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

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

(iii) 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.

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