

Oracle® Retail Merchandising System

Release Notes

Release 13.2.1

April 2011

Oracle Retail Merchandising System (RMS) Release 13.2.1 is a cumulative release that completes development of RMS 13.2. RMS 13.2.1 includes selected defect fixes and enhancements for RMS 13.2 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.

About Patch Releases

Oracle Retail patch releases are periodic releases that can include defect fixes and product enhancements.

Note: RMS 13.2.1 is a follow-on release to RMS 13.2, and it is the first code release since the RMS 13.2 release. There have been no patch or bundled hot fix releases for RMS 13.2 before this release. (RMS 13.2.0.1 was a documentation-only release.)

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 Source Code

Before applying the RMS 13.2.1 patch release, be sure that RMS 13.2 has been installed.

Note: This note applies only if you have installed RMS 13.2 for Brazil localization with Oracle Retail Fiscal Management (ORFM).

If you applied hot fix **11071552** to your RMS 13.2 installation, the database changes applied by this hot fix should not be applied again. The *Oracle Retail Fiscal Management /RMS Brazil Localization Installation Guide* has been updated for Release 13.2.1; it includes instructions to prevent the same database changes from being applied a second time.

Before applying the 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

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 Enhancements

The following enhancements are included in Oracle Retail Merchandising System Release 13.2.1.

Enhancements to Oracle Retail Trade Management (RTM)

The Transportation module of RTM provides visibility to movement of purchase orders and associated items inbound from suppliers. Transportation tables allow capture of a wide range of industry-standard shipment information against PO/Items such as vessel ID, bill of lading, container ID, shipment status, estimated departure and arrival times, and quantities. In addition, the Transportation module provides information used in the Obligation and Customs Entry modules.

The Obligation module is designed to use the Transportation quantities as the basis for the actual landed cost calculations. The underlying assumption is that the quantities must be accurately recorded at the item level when the shipment passes through customs, so that the correct duty amount can be charged. In some regions, however, this information is not available to the retailer. An enhancement permits the retailer to base all actual landed cost calculations on the actual receipts entered at the warehouse.

International shipments frequently consolidate goods inbound for multiple purchase orders and warehouses, to reduce shipping costs. The Transportation module did not track the warehouse receipts for an inbound shipment. To maintain visibility, it was necessary to limit purchase orders to a single shipment. An enhancement makes it possible to track warehouse receipts within the Transportation module. The actual landed cost calculations for an inbound shipment are based on the receipts for that shipment. Each shipment can be finalized after receipt.

Extracts to Support Search Engines

Oracle Retail Merchandising System has been enhanced to provide the necessary data to support search engines. This capability allows you to provide near-real-time information about local availability of products through localized product searches.

New data extracts have been developed to generate store, product, price, and point-of-sale (POS) data files. For more information, see the *Oracle Retail Merchandising Operations Guide, Volume 1* for Release 13.2.1.

Store File

A data file is produced from RMS that captures all stock-holding stores and various attributes associated with the stores that are relevant to the search engine. This extract is to be run monthly, or as stores are added or key data changes.

Product File

This data file contains all sellable items and key item attributes by store. The extract is to be run weekly, or more often if needed.

Quantity/Price File

This data file is produced for each stock-holding store in RMS. The file contains all sellable items for a specific store, and the current quantity and single unit price data for the item/location. This file should be run daily, or as often as feasible to ensure that the most accurate information is available.

POS Data File

The POS data file is extracted for sales data (transactions from a point-of-sale system received into the sales audit system). It should be uploaded as frequently as possible to search engines to maintain inventory positions. The data generated is in National Retail Federation (NRF) Association for Retail Technology Standards (ARTS) poslog XML format.

The sales information is uploaded to update the stock quantities shown in its service between uploads from the Item/Location/Quantity/Price file.

Note: For customers who use Oracle Retail Point-of-Service, the poslog file generated by Oracle Retail Point-of-Service can be used directly by an external search engine.

Integration Enhancements

The following enhancement is included in Oracle Retail Merchandising System Release 13.2.1.

Integration with Oracle Retail Analytics

Oracle Retail Analytics is a business intelligence solution for the retail industry. Retail Analytics offers an integrated view of retail data from various source systems, and it allows users to create analytical reports for areas such as inventory management, merchandising management and pricing management.

Retail Analytics extracts data from the source systems and then transforms and loads the data into the Retail Analytics data model to support reporting and analysis. RMS is an application from which Retail Analytics extracts data. Retail Analytics uses Oracle Data Integrator (ODI) for extraction, transformation, and loading. ODI programs that extract information from RMS are packaged with the Oracle Retail Analytics application. At the time of Retail Analytics installation, these ODI programs are deployed to the RMS instance. For more information about Oracle Retail Analytics ODI extraction programs, see the following guides:

- *Oracle Retail Analytics Installation Guide*
- *Oracle Retail Analytics Operations Guide*

Oracle Retail Advanced Inventory Planning (AIP) Intraday Replenishment

Enhancements to the interface between RMS and Oracle Retail Advanced Inventory Planning (AIP) support intraday replenishment planning. Previously, AIP always planned from the next business day in the overnight batch. AIP can now also plan from today in intraday replenishment. The expected purchase order, transfer, allocation, and in-the-well information needed to support the AIP calculations of available inventory are sent from RMS without assumptions about the planning day.

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). The issues addressed in this release are summarized in the defect reports packaged with the release (see "[Defect Fixes](#)").

Review each defect report carefully before implementing the defect fixes. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

Defect Fixes

The defect reports for the following defect numbers summarize the fixes and enhancements provided in the RMS 13.2.1 release. See the defect reports for more information.

Defect Number	Summary
11716122	RMS interface changes since the RMS 13.2 release
11716130	Finance changes since the RMS 13.2 release
11716137	Costing changes since the RMS 13.2 release
11716141	Items changes since the RMS 13.2 release
11716147	Other RMS changes since the RMS 13.2 release
11716170	Purchasing changes since the RMS 13.2 release
11719466	Foundation data changes since the RMS 13.2 release
11719472	Inventory management changes since the RMS 13.2 release

Known Issues

The following is a known issue for Oracle Retail Merchandising System Release 13.2.1. The following issue applies to RMS and associated products regardless of whether ORFM is installed.

Defect Number	Summary
12330556	There is a mismatch in the file specifications used by the htstupld batch process and the conversion script used to convert the raw U.S. Customs harmonized tariff schedule (HTS) file (ushts2rms), which causes a program failure. This issue was seen when processing a file from the year 2010.

Related Documentation

For more information, see the following documents in the Oracle Retail Merchandising System Release 13.2.1 documentation set:

- *Oracle Retail Merchandising System Custom Flex Attribute Solution Implementation Guide*
- *Oracle Retail Merchandising System Data Model*
- *Oracle Retail Merchandising System Installation Guide*
- *Oracle Retail Merchandising System Operations Guide*
- *Oracle Retail Merchandising System User Guide*
- *Oracle Retail Trade Management User Guide*
- *Oracle Retail Merchandising Batch Schedule*
- *Oracle Retail Merchandising Data Conversion Operations Guide*

Supplemental Documentation at My Oracle Support

The following document is available on the My Oracle Support Web site. Access My Oracle Support at the following URL:

<https://support.oracle.com>

Case Study: Creating a High-Availability Environment for Oracle Retail 13.2 (ID Note 1311392.1)

This case study describes how a high-availability Oracle Linux grid computing environment can be configured to support Oracle Retail applications. Using Oracle Fusion Middleware active-active clustering and Oracle Real Application Clusters (RAC) databases, Oracle Retail applications can be deployed in a grid computing environment to provide high availability and scalability. This case study includes the following documents, all found together under the same document ID:

- *Oracle Retail HA Case Study Introduction*
- *Oracle Retail HA Case Study Oracle Linux*
- *Oracle Retail HA Case Study RAC (Real Application Clusters Environment)*
- *Oracle Retail HA Case Study Fusion Middleware Cluster (Parts 1 and 2)*

Brazil Localization and Oracle Retail Fiscal Management

Note: This section of the Release Notes applies only if you have localized RMS for Brazil operations by installing the Oracle Retail Fiscal Management (ORFM) module.

User Interface Changes in Oracle Retail Fiscal Management

The user interfaces of the ORFM application have undergone modifications for Release 13.2.1. The interface changes include the following:

- Fiscal Document Type
- Fiscal Utilization Document Type
- Fiscal Utilization Setup
- Fiscal Docs Find
- Fiscal Documents

ORFM Defect Fixes and Documentation

The defect report for the following defect number summarizes the fixes and enhancements provided in the ORFM 13.2.1 release.

Defect Number	Summary
11802380	New history tables have been added to enable purge of financial postings tables. Also, ORFM forms have been modified for consistent handling of invalid values in lists of values (LOV), and to apply consistent standards for buttons in the user interface.

Known Issues Specific to RMS/ORFM and Brazil Localization

The following issue applies to installations that include ORFM and Brazil localization.

Defect Number	Summary
12330498	There are known performance issues associated with the integration between RMS/ORFM and the Mastersaf Tax Rules engine.
12330533	
12330547	

ORFM Related Documentation

For more information, see the following documents in the Oracle Retail Fiscal Management Release 13.2.1 documentation set:

- *Oracle Retail Fiscal Management Data Model*
- *Oracle Retail Fiscal Management/RMS Brazil Localization Installation Guide*
- *Oracle Retail Fiscal Management/RMS Brazil Localization User Guide*
- *Oracle Retail Merchandising Batch Schedule*

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Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

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(i) 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.

(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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