Oracle® Retail Merchandising System

Release Notes

Release 13.2.7

E52603-01

March 2014

Oracle Retail Merchandising System (RMS) Release 13.2.7 is a patch release for RMS 13.2. RMS 13.2.7 includes selected defect fixes and enhancements applicable for RMS 13.2 code, as well as fixes and enhancements for Oracle Retail Fiscal Management (ORFM).

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
- Integration Enhancement
- Functional Enhancements
- Technical Enhancements
- Defect Fixes and Documentation
- Noteworthy Defect Fixes
- Known Issue
- RMS Related Documentation
- Brazil Localization and Oracle Retail Fiscal Management
- 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.

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RMS Localized for Brazil

The Oracle Retail Fiscal Management (ORFM) module is an optional module for RMS 13.2 to support Brazil localization and the particular tax requirements of Brazil. For more information, see Brazil Localization and Oracle Retail Fiscal Management later in this document.

About Patch Releases

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

- New defect fixes

- Product enhancements

- Technology upgrades

Documentation for patch releases includes the following:

- New and updated guides (for example, Data Model) that apply to the patch release level. These documents include applicable updates made since the last patch release. See ORFM Related Documentation and RMS Related Documentation for a list of ORFM and RMS documents published with this release of 13.2.7.

- 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 Installation Guide* and *Oracle Retail Fiscal Management and Brazil Localization Installation Guide* for Release 13.2.7 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 Installation Guide* and *Oracle Retail Fiscal Management and Brazil Localization Installation Guide* for additional information about the following:

- Hardware and software requirements

- Oracle Retail application software compatibility

Applying the Patch Release

Before applying the RMS 13.2.7 patch release, be sure that:

- RMS 13.2 has been installed.

- Patch releases RMS 13.2.1 through 13.2.6 have been applied.

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.

Integration Enhancement

The following integration enhancement is included in Oracle Retail Merchandising System Release 13.2.7:

Defect Number	Summary
16231606	When the Store or the Warehouse sends a SOStatus message for a new outbound transfer followed by an ASNOUT message for the same transfer, the message is processed in a sequence. It is first transferred and then shipped to the RMS.
	However as these are different message families, Oracle Retail Integration Bus (RIB) cannot guarantee the order of processing, so in some cases the ASNOUT message is processed first. If this occurs, the transfer quantity is doubled because the SOStatus Stock Increment (SI) message is interpreted due to the increase in the quantity.
	This enhancement addresses the issue by introducing a new SOStatus Creation (CR) for SOStatus messages when Oracle Retail Store Inventory Management (SIM) creates a transfer. The CR message can only be used for externally generated transfers. When creating a new transfer, the CR message is treated similarly to the existing SOStatus SI message. However, if RMS receives the CR message for an externally generated transfer that already exists in the system, then the transfer quantities must be reset (rather than incrementing the quantity as in the SI message).
	Use of the CR message is optional. The SI message is still used for transfer creation as before. If the SI message is used then the above scenario results in the transfer quantity being doubled.
	Oracle Retail Warehouse Management System (RWMS) is not modified to generate this new CR message as it is presumed that for RWMS initiated transfers. There is significant time gap between SOStatus SI message and ASNOUT message, so that the scenario does not occur.

Functional Enhancements

The following functional enhancements are included in Oracle Retail Merchandising System Release 13.2.7:

Defect Number	Summary
16360664	The current process of creating item-location process ranges item to location as non-clearance even if the item-location qualify for clearance pricing based on pricing rules. This results in incorrect pricing at the store and incorrect 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 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 is done to ensure any active zone level clearances is also copied to a new store, but any location level clearance is not copied. If it is decided not to range the clearance items, they are not ranged to a new store.
17441408	When inventory is received on an order that involves more than one virtual warehouse in the same physical location, RMS uses distribution rules to determine how much inventory to apply to each virtual location based on the receipt. However, when there is an allocation tied to one of those locations, inventory in RMS becomes distorted as the operational process in the warehouse (which does not have visibility to virtual warehouses) assumes all inventory received can be applied toward the allocation, which results in inventory populating negative value in the location tied to the allocation.
	This enhancement addresses the issue by modifying the distribution rules in RMS. This ensures in case allocations are tied to Purchase Orders, Allocations are given first priority while distributing receipts across multiple virtual warehouse of single physical location. This is achieved by creating a new set of distribution rules when the receipt is performed in RWMS which carries a disposition DIST code.

Technical Enhancements

The following technical enhancements are included in Oracle Retail Merchandising System Release 13.2.7.

Defect Number	Summary
17589010	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 makes use of asynchronous processing to do 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. 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.

Java 1.7.0+ 64 bit (JDK)

Oracle Retail Merchandising System Release 13.2.7 is supported for use with Java 1.7.0+ 64 bit (JDK) on the Server.

Java JRE 1.7.0+

Oracle Retail Merchandising System Release 13.2.7 is supported for use with Java JRE 1.7.0+ for the Client browser.

Oracle Linux 6

Oracle Retail Merchandising System Release 13.2.7 is supported for use with Oracle Linux 6.

Red Hat Enterprise Linux 6

Oracle Retail Merchandising System Release 13.2.7 is supported for use with Red Hat Enterprise Linux 6.

Oracle Forms 11.1.2.1

Oracle Retail Merchandising System Release 13.2.7 is supported for use with Oracle Forms 11.1.2.1 on the Server.

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 13.2.7.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
16752962	The POSUPLD batch fails with an error.
16437758	The INVC_HEAD and DETAIL tables have amount/quantity discrepancy in Direct Store Delivery (DSD), Work Order (WO), and the Purchase Order (PO) created from SIM.
16483390	An incorrect promotional discount amount is sent to Allocation for a void transaction.
16729641	Oracle Retail Sales Audit (ReSA) RTLOG error transaction is out of balance.
16876980	VENDINVF batch aborts with an ORA-01722 error.
17184695	NEWITEMLOC batch row locks contention when inheriting deals.
17334378	Weighted Average Cost (WAC) is not updated in store for an item.
17359182	Performance issue in the Order matrix form.
17464898	SCCEXT cost change batch process has lock issues when multiple threads are run.
17516567	XALLOC allows Cross-Dock allocation quantities to exceed PO quantities.
17639101	Transfer expected and reserved quantity doubles when a Pending Store Order in SIM is edited and an item is added to it and approved in SIM.
16056303	Inaccurate Stock on Hand (SOH) calculation when inventory adjustment is posted after stock.
16614107	The EDIUPACK batch incorrectly distributes new item quantity.
17515625	The SAEXPRMS batch does not populate SA_TRAN_IGTAX information into the POSU file.
16729089	The External C library EXTERNAL_APPLY_DEAL_PERF causes an error in Bill-back deals.
16846189	The FUTURE_COST engine populates incorrect PRICING_COST fields for COST_EVEN_TYPE is equal to D.
17448452	When SIM creates DSD for a Kilogram (KG) item, the decimal quantity is rounded off in RMS.
16988805	The EDIUPACK batch does not range items to the virtual warehouse if the SUP_QTY_LEVEL is equal to Credit Account (CA).
17406769	Return to Vendor (RTV) created in SIM fails in RMS Oracle Retail Integration Bus (RIB) hospital.

Known Issue

The following known issue is reported for Oracle Retail Merchandising System Release 13.2.7.

Defect Number	Summary
18356400	When finalizing the Actual Landed Cost (ALC), the TRAN CODES 20 and 70 give inaccurate results since the Stock on Hand (SOH) is less than the receiving quantity.

RMS Related Documentation

For more information, see the following documents in the Oracle Retail Merchandising System release 13.2.7 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*

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.

Release History

Oracle Retail Fiscal Management is an optional module of the RMS application. Not all RMS patches include ORFM updates.

- The last available release of ORFM is Release 13.2.6.

Functional Enhancements

The following functional enhancements are included in the Oracle Fiscal Management Release 13.2.7:

Defect Number	Summary
17983192	Oracle Retail Fiscal Management (ORFM) fetches Nomenclatura Comum do Mercosul (NCM) from the RMS master data and uses it to record the Nota Fiscal (NFs). NCMs are not entered through forms.
	NCM code for requisition type such as PO, Repairing (REP) entry, Direct Nota Fiscal (DNF,) and Free Form Nota Fiscal (FFNF) is entered through a form and is validated against an item or NCM code as per the combination present in the master data.

Defect Number	Summary
17017545	The system does not store the recovered amount for Substitute Tax Entry (STE) tax. Both the Substituição Tributária (ST) and STE are posted to the FM_FISCAL_DOC_DETAIL and the ICMSST_CREDIT_VAL tables, and STE is posted to FM_TRAN_DATA table with tax code as ST. A new column ICMSSTE_CREDIT_VAL is added to the FM_FISCAL_ DOC_DETAIL and the FM_FISCAL_DOC_DETAIL_HIST tables, to store the recovered STE tax amount.
16799057	In ORFM, the cost and retail value is rounded to four decimal places. The Trans Data and financial postings are also rounded up to four decimal places. Since the Enterprise Business Suite (EBS) applications in Brazil are configured to accept only two decimal places, the integration between ORFM and EBS fails. The columns are modified to either two or four decimal places to enable ORFM - EBS integration.
17932936	When you receive the PO with an unexpected item, the system creates a Return NF automatically and the Return NF is not sent to Synchro for approval.
17271685	Synchro rejects FFNF during Nota Fiscal Electronic Invoice (NF-e) because MOD_BC values are not populated for FFNF.
16027098	In the Brazil locale, RMS and ORFM has a performance issue. The localization layer (LFAS) is responsible for a small portion of the performance reduction compared to the base code. The larger portion occurs from the architecture that requires RMS and ORFM transactions to leave the database and call a Java based tax provider application called TaxWeb. This architecture achieves a certain level of performance, but it requires a large hardware and software license investment. This enhancement allows ORFM to work with both Java based and PLSQL based tax providers. Initially, a PLSQL based tax provider, Synchro, is being used.
16027130	Retailers of all tiers use importation as part of their strategy. In Brazil, importation has very complicated requirements that must be considered to have products legalized for the domestic market. To support an importation requirement, the system has been modified to enable better integration to a specialist solution, such as Softway.
16027130	In a Brazil locale, enhancements provide improved support for retailers who are imported from foreign suppliers or operate with local suppliers in currency other than Brazil (BRL). ORFM Nota Fiscal supports currency conversion between a Nota Fiscal in BRL and transaction in non BRL currency for Transfer/RTV/Deal. The Multi-currency conversion is introduced.
16027146	NF-e is generated to support the movement of goods, as the regulatory condition is broken into multiple documents to support the constraints defined by the Government of Brazil. The break up criteria results in more than one NF for the same shipment (ASNOUT) and the need to control it in ORFM/RMS for the receiving of the same (in case of internal movements). This requirement is applicable to any type of NF issued in ORFM like stock orders, customer orders, RTVs, and so on.

Defect Number	Summary
18151525	The Sistema Publico de Escrituracao Ditial (SPED), an electronic fiscal reporting standard, and the NF-e, an electronic invoicing system, are constantly updated and improved.
	In order to keep the solution up to date, frequent reviews are necessary. The current integration is certified with the following versions of the SPED/NF-e layout files:
	- SPED FISCAL - 2.0.7 - SPED CONTRIBUTIONS - 1.0.5 - NF-e - 4.0.1
	As of January 2013, the following new versions are available:
	- SPED FISCAL - 2.0.11 - SPED CONTRIBUTIONS - 1.12 - NF-e - 5.0
	In order to address the change and support the new versions of the integration, it is necessary to adjust the current functionality.

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 ORFM 13.2.7.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
17983192	ORFM fetches NCM from the RMS master data and uses it to record the NFs. NCMs are not entered through forms.
17017545	An incorrect ST code.
16799057	In ORFM, the cost and retail value are rounded to four decimal places. The Trans Data and financial postings are rounded up to four decimal places. Since the EBS applications in Brazil are configured to accept only two decimal places, the integration between ORFM and EBS fails.
	The columns are modified to either two or four decimal places to enable ORFM - EBS integration.
17932936	Return NF does not send Nota Fiscal Electronic Invoice (NF-e).
17271685	Synchro rejects FFNF during NF-e because MOD_BC values are not populated for FFNF.
17703009	The NF-e access key field in the FISCAL_HEADER screen is disabled for worksheet NF-e.

Defect Number	Summary
17993011	The total cost of TRANCODE 122 for Return to Vendor (RTV) is incorrectly posted.
17816297	STG_FIF_GL_DATA is not updated with Debit Request (DR) and Credit Request (CR) values for TRANCODE 164-STE TAX.
17585360	TRANCODES 108 and 109 are not posted.
17565132	Unable to map the Substitute Tax Entry (STE) taxes to the General Ledger (GL) system in the GL cross reference.

ORFM Related Documentation

For more information, see the following documents in the Oracle Retail Fiscal Management Release 13.2.7 documentation set:

- *Oracle Retail Merchandising System Release Notes*

- *Oracle Retail Fiscal Management and Brazil Localization Installation Guide*

- *Oracle Retail Fiscal Management/RMS Brazil Localization Implementation Guide*

- *Oracle Retail Fiscal Management User Guide* and *Online Help*

- *Oracle Retail Fiscal Management Data Model*

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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http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

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:

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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.

(iv) 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.

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