

Oracle® Retail Merchandising System

Release Notes

Release 13.0.4

May 2010

Oracle Retail Merchandising System (RMS) Release 13.0.4 is a patch release for RMS 13.0. RMS 13.0.4 includes selected defect fixes and enhancements for RMS 13.0 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.

About Patch Releases

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

- New defect fixes and product enhancements
- All of the defect fixes and enhancements that have been released through bundled hot fix releases since the last patch release

Note: Customers can choose whether to apply bundled hot fix releases, or wait for the next patch release. You must apply this patch release to upgrade your installation to the currently supported level:

- Customers who have applied all bundled hot fix releases must apply all new defect fixes and enhancements included in the patch release.
 - Customers who have not applied bundled hot fix releases can instead apply the patch release, which also includes the fixes and enhancements from the bundled hot fix releases.
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Documentation for patch releases includes the following:

- New and updated guides (for example, operations and user guides) that apply to the patch release level. These documents include all updates made since the last patch release. Documents revised for this patch release supersede and replace all previous document versions. See "[Related Documentation](#)" for a list of the documents published for RMS 13.0.4.
- Defect reports for new fixes and enhancements for the patch release.
- Defect reports for all bundled hot fix releases since the last patch release.
- All document versions that were released with bundled hot fix releases.

Note: Documentation is separated into folders that are identified by release numbers. Documents for bundled hot fix releases are provided again as a historical record of the changes made since the last patch release. Always refer to the most recent document versions that apply to the release level you have installed.

See the *Oracle Retail Merchandising System Installation Guide* for Release 13.0.4 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 Source Code

Before applying the RMS 13.0.4 patch release, be sure that:

- RMS 13.0 has been installed
- Patch releases through RMS 13.0.3 have been applied

If you have applied RMS bundled hot fix releases 13.0.3.1 through 13.0.3.6, you can apply just the new fixes and enhancements. If you have not applied any bundled hot fix releases, you can apply all fixes and enhancements by applying the RMS 13.0.4 patch release. See "[About Patch Releases](#)."

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.

Technical Enhancements

Oracle Retail Merchandising System Release 13.0.4 includes the following technical enhancements.

Operating Systems

In addition to the operating systems previously supported, RMS 13.0.4 is certified with the following:

- Oracle Enterprise Linux Release 5 Update 3
- IBM AIX 6.1 TL04

See the *Oracle Retail Merchandising System Installation Guide* for complete information about software environment requirements and options.

Oracle Database 11g Release 2

RMS 13.0.4 is certified with Oracle Database 11g Release 2 Enterprise Edition.

Enhanced Data Security Options

For Release 13.0.4, RMS supports the following options for enhanced data security:

- RMS 13.0.4 supports enhanced data protection for the RMS schema using Oracle Database Vault with Oracle Database 11g 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) 13.0.4 supports transparent data encryption (TDE) with Oracle Database 11g 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 11g 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 11g Release 2 (E10746-02).

Exadata Ready

The Sun Oracle Exadata Storage Server is a combination of smart software and industry-standard hardware and provides database-aware storage services, such as the ability to offload database processing from the database server to storage, transparently, without affecting SQL processing and your database applications.

RMS 13.0.4 is not currently certified on Exadata hardware because of limited availability; however, as soon as RMS can be tested with an Exadata system, the certification process will be initiated. The infrastructure of RMS 13.0.4 is consistent with the use of Exadata storage servers.

Performance Enhancement

The following new columns were added to the FUTURE_COST table:

- primary_supp_country_ind
- currency_code

When the primary supplier/country is updated at the item location level, such as an update from the mass item maintenance screen, item location screen, or item supplier country screen, the primary_supp_country_ind in the FUTURE_COST table is updated to reflect the same information as the ITEM_LOC table. The new columns are used in the RPM FUTURE_COST view to improve performance of the RPM PC inquiry screen. (See bug 9352349.)

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 release has a corresponding defect report titled *<defect-number> <module>.PDF* (for example, 1234567 addrb.PDF).

The file **DEFECT MODULE XREF RMS 13.0.4.XLS** lists the new defect fixes for Release 13.0.4, as well as those previously released in bundled hot fix releases 13.0.3.1 through 13.0.3.6. All of these are included in RMS 13.0.4.

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.

Noteworthy Defect Fixes

The following topics highlight:

- Noteworthy defect fixes and enhancements that are new for Release 13.0.4
- Noteworthy defect fixes and enhancements for bundled hot fix releases 13.0.3.1 through 13.0.3.6

All defect fixes for releases 13.0.3.1 through 13.0.3.6 are also included in Release 13.0.4 and can be applied through the installation of this patch release. See the *Oracle Retail Merchandising System Installation Guide* for Release 13.0.4 for instructions to apply the defect fixes and enhancements that you have not already applied.

The following are not complete lists. See the cross-reference spreadsheets and defect reports included with this release for complete lists and full details.

Release 13.0.4

The following are noteworthy defect fixes that have not been released previously through a bundled hot fix release. See **DEFECT MODULE XREF RMS 13.0.4.XLS** for a complete list of new defect fixes and enhancements for both RMS 13.0.4 and previous bundled hot fix releases.

Defect Number	Summary
9329646	The weighted average cost calculation and tran data posting are incorrect.
9352349	Add primary_supp_country_ind, and currency_code columns in the RMS future_cost table. These will be used in the RPM future_cost view to improve performance in the RPM PC inquiry screen.
9412957	ReSA export to RMS does not handle the scenario in which a sale with multiple quantities in a single line with multiple discount lines for the same promotion, quantity, and discount amount are being exported, thereby causing incorrect tran_data postings.
9445653	Central Office does not show all stores after a data import.
9449870	POSUPLD might pick up an incorrect until retail for an item in the PRICE_HIST table.

Release 13.0.3.6

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.0.3.6 release. These are also included in the RMS 13.0.4 patch. See **DEFECT MODULE XREF RMS 13.0.3.6.XLS** for a complete list of RMS 13.0.3.6 defect fixes.

Defect Number	Summary
9270307	If the supplier and location currency code is other than the primary currency, there is a discrepancy in unit_cost in the item_loc_soh table with the supplier's cost.
9317125	The RETL scripts trim the AIP hierarchy descriptions.
9365603	A change in exchange rate in the PO screen does not calculate and display the expenses correctly.
9376094	VAT_OUT rollup is missing in stock ledger tables DAILY_DATA, WEEK_DATA, and MONTH_DATA.

Release 13.0.3.5

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.0.3.5 release. These are also included in the RMS 13.0.4 patch. See **DEFECT MODULE XREF RMS 13.0.3.5.XLS** for a complete list of RMS 13.0.3.5 defect fixes.

Defect Number	Summary
9212743	Forward porting of Defect 7227844: Line item cancelled from ORDLOC causes the cancellation of other items.
9232142	The write_off_retail function in posupld was modified so that it considers the regular system retail as the old retail value if an RPM promotion and TDETL exists.
9289994	A DSD order from SIM containing multiple items from different departments fails in ORMS.
9286050	A new item location is created on the warehouse or store when the deal active date is not exploded into the DEAL_ITEM_LOC_EXPLODE table. Reclassified items are not included in the deal calculation.

Release 13.0.3.4

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.0.3.4 release. These are also included in the RMS 13.0.4 patch. See **DEFECT MODULE XREF RMS 13.0.3.4.XLS** for a complete list of RMS 13.0.3.4 defect fixes.

Defect Number	Summary
9027764	There is poor performance for the costcalc batch program.
9087251	The receiving of multistore allocations fails when WRONG STORE RECEIPT IND = N.
9091180	In item subscription APIs, there are no fields to create catchweight items. Also see the fix for Oracle Retail Integration Bus (RIB) bug 9126769.
9109660	A store-to-warehouse EG transfer created using rmssub_xtsf cannot be viewed or edited.
9148493	Messge XCOSTCHGMOD ends with the error "ORA-22160 element at index[3] does not exist."

Release 13.0.3.3

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.0.3.3 release. These are also included in the RMS 13.0.4 patch. See **DEFECT MODULE XREF RMS 13.0.3.3.XLS** for a complete list of RMS 13.0.3.3 defect fixes.

Defect Number	Summary
9051717	The estimated value UOP in the Order Loc Expense Maintenance screen rounds incorrectly.
9083667	Many xcostchg messages to RMS end up in the RIB hospital with ORA-14450 errors.
9123722	A purchase order is not created in approved status when Approved PO is clicked.

Release 13.0.3.2

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.0.3.2 release. These are also included in the RMS 13.0.4 patch. See **DEFECT MODULE XREF RMS 13.0.3.2.XLS** for a complete list of RMS 13.0.3.2 defect fixes.

Defect Number	Summary
8850779	The output files of the RETL AIP scripts contain junk values when the ORDER_MULTIPLE column has a value greater than 9999.
8854391	A new Delete button has been introduced in the Transportation form (transprt.fmb).
8976274	Duplicate transaction checking is now working correctly in ReSA (saimptlogi).
9026935	Import expenses are not being defaulted on the purchase order screen.

Release 13.0.3.1

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.0.3.1 release. These are also included in the RMS 13.0.4 patch. See **DEFECT MODULE XREF RMS 13.0.3.1.XLS** for a complete list of RMS 13.0.3.1 defect fixes.

Defect Number	Summary
8620768	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. It treats them as duplicate transactions. This functionality is not supported by RMS.
8655015	HTSUPLD corrupts data in ITEM_HTS, ITEM_HTS_ASSESS, and ORDSKU_HTS tables by deleting the records of the old period range
8843073	SAEXPRMS is not multithreaded and takes a long time to run.
8857437	An additional insert into the rpm_stage_item_loc table through priceEventExecutionRMSBatch causes a performance issue.

Known Issues

The following are known issues in RMS 13.0.4.

Defect Number	Summary
9652429	ReSA does not handle the multiple key encryption logic introduced in Oracle Retail Point-of-Service Release 13 for PABP compliance. There is provision provided for customers to change the default installation options and generate a single key encryption, as Oracle Retail Point-of-Service Release 12 allowed.
9676835	An incorrect EDI file is generated when a restocking fee is included in a return to vendor.
9651641	When a two-legged transfer (warehouse-external finisher-store) is created in RMS, the message fails in RIB with this error message "Invalid from physical location type or to physical location type. Must be either -w- or -s-."

Related Documentation

For more information, see the following documents in the Oracle Retail Merchandising System Release 13.0.4 documentation set:

- *Oracle Retail Merchandising System Data Model*
- *Oracle Retail Merchandising System Installation Guide*
- *Oracle Retail Merchandising System Operations Guide (Volumes 1 - 3)*
- *Oracle Retail Merchandising Batch Schedule*

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