

# Oracle® Retail Invoice Matching

Release Notes

Release 13.0.4

May 2010

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Oracle Retail Invoice Matching (ReIM) Release 13.0.4 is a patch release for ReIM 13.0. ReIM 13.0.4 includes selected defect fixes and enhancements for ReIM 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

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**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 ReIM 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.

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**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.

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See the *Oracle Retail Invoice Matching 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 Invoice Matching Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

## Applying Source Code

Before applying the ReIM 13.0.4 release, be sure that:

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

Before applying the patch source files over your code:

- Be sure that the latest Oracle Retail Merchandising (RMS) 13.0 patch set is installed. ReIM 13.0 users should be current with the latest RMS 13.0 patch set.

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**Note:** Oracle Retail Invoice Matching 13.0 releases are tested only with the most recent RMS releases. You are free to run ReIM 13.0.4 with releases of RMS that are not the most recent, but be aware that Oracle Customer Support only addresses issues that can be re-created on the latest release of ReIM 13.0 running with the latest RMS 13.0 release.

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- 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.

## **Deploying the reim.ear File**

If you have made no customizations to the initial release and you want to accept all modifications included in the Oracle Retail Invoice Matching Release 13.0.4 release, you can save time and effort by extracting the reim.ear file. The reim.ear file contains all the source code you need to run ReIM. You will still need to run scripts manually.

Most application servers will extract the .ear file automatically. See your server documentation for guidance about how to extract the .ear file. You may have to modify server configuration files.

After you extract reim.ear, you must modify the reim.properties file. You must then restart the server for your changes to take effect.

## **Are Patches Cumulative or Incremental?**

The Oracle Retail Invoice Matching Release 13.0.4 patch set contains the complete 13.0.4 Java JSP source, which can be applied directly. For database scripts, releases are incremental from patch to patch.

Each reim.ear file contains the most recent project code. This means that the most recent reim.ear file contains all of the compiled code you need to run the application. If you are installing Oracle Retail Invoice Matching for the first time in an environment, you only need to deploy the most recent reim.ear file.

All scripts that add, remove, or modify database objects are incremental, however. This means that a new install requires all scripts to be run in order, starting with those offered in the initial release and including all those in all subsequent patches.

If you generate your own Java binaries (.class files) from the source code (.java files), you also need to incrementally apply patches to the code shipped in the initial release. This includes manually removing any .java files that have been removed from the product. The compilation command only needs to be executed once after the most recent code is in place.

## **Managing Fixes Received Between Patch Sets**

Because of the tight coupling of code in Oracle Retail Invoice Matching 13.0, you must make sure that you have the most recent patch when you apply a fix to a defect that you report.

When you receive a fix for an issue that you log between scheduled patch set releases, the fix typically is provided as a patch in the form of a .ZIP file that contains the documentation, source code, .ear file, and any required database scripts. The source code must be applied, and the application must be recompiled, and the application server must be restarted. Contact Oracle Customer Support for more information.

## Technical Enhancements

Oracle Retail Invoice Matching Release 13.0.4 introduces the following technical enhancements.

### Operating Systems

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

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

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

### Oracle Database 11g Release 2

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

### Enhanced Data Security Options

Oracle Retail Merchandising System (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 Invoice Matching, Price Management, and Allocation.

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

### 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.

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

## 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>.PDF* (for example, 1234567.PDF).

In the same folder, the file named DEFECT MODULE XREF ReIM 13.0.4.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. 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 and 13.0.3.2

All defect fixes for releases 13.0.3.1 and 13.0.3.2 are also included in Release 13.0.4 and can be applied through the installation of this patch release. See the *Oracle Retail Invoice Matching 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 ReIM 13.0.4.XLS** for a complete list of new defect fixes and enhancements for both ReIM 13.0.4 and previous bundled hot fix releases.

Defect Number	Summary
9001902	Invoices are not posted even though the header and detail values are matched.
9192803	Cyrillic symbols are not displayed correctly in the database after an EDI upload.
9238886	The performance of the REIMPOSTING batch is poor.
9244671	Translation: There are incorrect Japanese labels.
9273989	There is a rounding error in automatch.
9443067	An EDI invoice upload fails on obligations coming through the RMS EDIDLINV module.
9503655	A debit memo is create with a zero value if the item is not present in the shipment.
9538717	The fixed deal upload batch module fails with deadlocks but ends without a 0 return code.
9556553	EDI invoice vendor 0 is an invalid supplier, but this does not go to EDI reject.

Defect Number	Summary
9613165	Credit note request cost cannot be created.
9620148	An error message is missing from the REIMRESOURCE.PROPERTIES file, causing EDI maintenance issues.

### Release 13.0.3.2

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

Defect Number	Summary
9503655	A debit memo is created with zero value if the item is not present in the shipment.
9505733	When document type = NON_MERCHANDISE INVOICE and the amount is less than zero, the INVC_TYPE_LOOKUP_CODE should be CREDIT after the Financial Posting batch is run.
9524327	When the ReIM Financial batch is run to post ReIM to EBS, the amounts in IM_AP_STAGE_HEAD and IM_AP_STAGE_DETAIL differ by 0.01. This difference causes an EBS error.
9538717	The Fixed Deal upload batch module fails with deadlocks, but it ends with a 0 return code.
9545289	The EDI Upload batch issues the following java.util.MissingResourceException: "Can't find resource for bundle java.util.PropertyResourceBundle, key error.batch.vendor_different_than_in_order."
9556553	EDI invoice "Vendor 0" is an invalid supplier. But when an EDI file containing records with this supplier is uploaded, the file is not rejected to the table.
9563143	The user is not able to create debit memo and credit note request.
9575436	The user is able to create a credit note from submitted credit note requests. The Create Credit Note button should not be enabled.

### Release 13.0.3.1

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

Defect Number	Summary
9214676	RTV EXT DOC ID is not unique when there are multiple RTVs.
9245666	@0PACKAGE_ERROR@1ORA-01427: SINGLE-ROW SUBQUERY RETURNS MORE THAN ONE ROW@2REIM.
9251440	The auto match process cannot insert NULL into ("RMS13"."IM_QTY_DISCREPANCY"."AP_REVIEWER")
9260569	When a debit memo is created from a reason code action, the invoice date does not match.

Defect Number	Summary
9261115	The standard approach for setting the invoice date in ReIM does not work for Japanese language users.
9273989	During the auto match process, a ReIM rounding error is displayed.
9387921	An error is displayed for an online matching credit note request against a credit note.

## Related Documentation

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

- *Oracle Retail Invoice Matching Data Model*
- *Oracle Retail Invoice Matching Installation Guide*
- *Oracle Retail Invoice Matching Operations Guide*
- *Oracle Retail Merchandising Batch Schedule*

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