

Oracle® Retail Invoice Matching

Release Notes

Release 12.0.11

April 2010

Oracle Retail Invoice Matching (ReIM) Release 12.0.11 is a patch release for ReIM 12.0. ReIM 12.0.11 includes selected defect fixes and enhancements for ReIM 12.0 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.

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

Dependencies

There is an Oracle Retail Merchandising System (RMS) integration dependency for ReIM 12.0.11:

- ReIM defect number **8273962**
- RMS defect number **7482524**

Before you apply the ReIM 12.0.11 patch, read the defect report for ReIM defect **8858514** for information about applying this defect fix.

Applying Source Code

Before applying the ReIM 12.0.11 release, be sure that:

- ReIM 12.0 has been installed
- Patch releases through ReIM 12.0.10 have been applied

Before applying the patch source files over your code:

- Be sure that the latest Oracle Retail Merchandising (RMS) 12.0 patch set is installed. ReIM 12.0 users should be current with the latest RMS 12.0 patch set.

Note: Oracle Retail Invoice Matching 12.0 releases are tested only with the most recent RMS releases. You are free to run ReIM 12.0.11 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 12.0 running with the latest RMS 12.0 release.

- 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 12.0.11 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 12.0.11 patch set contains the complete 12.0.11 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 12.0.x, 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 12.0.11 introduces the following technical enhancements.

Oracle Enterprise Linux Release 5 Update 3

ReIM 12.0.11 is certified with Oracle Enterprise Linux Release 5 Update 3, in addition to the operating systems previously supported.

Oracle Application Server 10g (10.1.3.4)

ReIM 12.0.11 is compatible with Oracle Application Server 10g (10.1.3.4).

Enhanced Data Security Options

Oracle Retail Merchandising System (RMS) 12.0.11 supports enhanced data protection for the RMS schema using Oracle Database Vault with Oracle Database 10g 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 12.0.11 for more information about using these security options.

See the Oracle Database Vault documentation for Oracle Database 10g Release 2 for more information about Oracle Database Vault installation, configuration, and operations.

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 12.0.11.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 defect fixes and enhancements are included in ReIM 12.0.11. This is not a complete list; see the cross-reference spreadsheet and defect reports for a complete list and full details.

Defect Number	Summary
9122971	An invoice cannot be matched within tolerance because of a VAT discrepancy.
9131186	An error occurs when creating a credit note request because of a rounding problem.
9193093	The EDIUPLOAD batch fails when the order number is null for a credit note.
9194942	Invoices remained in match status and were not posted.
9199972	For a debit memo created from a reason code action, the invoice date does not match the invoice.
9242291	When invoice detail is zero, the discrepancy cannot be resolved..
9242347	The ReIM automatch batch process fails.
9289203	Debit memos without order numbers are not uploaded by the EDIUPLOAD batch.
9298576	Issue regarding proration of invoice amounts across department/class.
9329114	The SHIPMENT.INVC_MATCH_DATE remains null after the shipment is completely matched.
9329753	The INVC_MATCH_DATE in the SHIPMENT table is less than the MATCH_DATE in the IM_DOC_HEAD table.

Related Documentation

For more information, see the following documents in the Oracle Retail Invoice Matching Release 12.0.11 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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