

Oracle® Retail Invoice Matching

Release Notes

Release 13.1.4.3

July 2011

Oracle Retail Invoice Matching (ReIM) Release 13.1.4.3 is a bundled hot fix release for ReIM 13.1. ReIM 13.1.4.3 includes selected defect fixes and enhancements for ReIM 13.1 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 ReIM Bundled Hot Fix Releases

Oracle Retail bundled hot fix releases are the most frequent releases to update Oracle Retail applications. These releases typically contain only defect fixes; they may also include enhancements that address application performance or other issues. Bundled hot fix releases are of smaller scope than less-frequent patch releases, and they are intended to be easier and faster for the customer to install than major patch updates.

For ReIM bundled hot fix releases:

- The ReIM application source code is cumulative. Each ReIM release contains the complete ReIM Java JSP source with all fixes applied.

The `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, you only need to deploy the most recent `reim.ear` file.

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. (See individual defect reports for information about the source code to remove.) The compilation command only needs to be executed once after the most recent code is in place.

- All scripts that add, remove, or modify database objects are incremental. A new installation requires all scripts to be run in order, starting with those offered in the initial release and including all those in all subsequent bundled hot fix and patch releases.

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 13.1.4.3 hot fix set, you can save time and effort by extracting the reim.ear file. 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.

Managing Fixes Received Between Releases

Because of the tight coupling of code in Oracle Retail Invoice Matching 13.1.x, you must make sure 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 releases, the fix is typically provided as a patch in the form of a .ZIP file. This file contains the documentation, source code, .ear file, and any required database scripts. The source code must be applied, the application must be recompiled, and the application server must be restarted. Contact Oracle Customer Support for more information.

Applying Source Code

The Oracle Retail Invoice Matching Release 13.1.4.3 patch set contains files that were modified since ReIM 13.1.4. For detailed information about the software fixes in this bundled hot fix release, see the documentation included.

Before applying the source files over your code:

- Be sure that the latest Oracle Retail Merchandising (RMS) 13.1 patch set is installed. ReIM 13.1 users should be current with the latest RMS 13.1 patch set.

Note: Oracle Retail Invoice Matching 13.1 releases are tested only with the most recent RMS versions. You are free to run ReIM 13.1.4.3 with versions of RMS that are not the most recent, but be aware that Oracle Customer Support addresses only issues that can be re-created on the latest version of ReIM 13.1 running with the latest RMS 13.1 version.

- Note whether any modules have been customized. If so, the customizations must be reapplied to the new version of the module.
- 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.

Documentation Correction

With the ReIM 13.1.4.3 release, information about Light Directory Access Protocol (LDAP) is expanded in the *Oracle Retail Invoice Matching Operations Guide*, specifically in Chapter 5, "Integration."

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 ReIM 13.1.4.3.XLS lists every defect number and the modules and scripts 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 defect fixes and enhancements are included in ReIM 13.1.4.3. This is not a complete list; see the cross-reference spreadsheet and defect reports for a complete list and full details.

Defect Number	Summary
12632480	Detailed information about LDAP authentication in ReIM should be added to the <i>Oracle Retail Invoice Matching Operations Guide</i> .
12626433	The RollupBatch program does not update records in the IM_RESOLUTION_ACTION table.
12604914	ComplexDealUpload batch fails when the number of deals is high and the blocksize parameter value is low. The following error is issued: "ORA-00060: deadlock detected while waiting for resource."
12433640	When LDAP is chosen as the authentication source, and when a user group is selected and Members is clicked on the User Group Maintenance screen, all users (nodes) in the LDAP tree are loaded, regardless of whether the user is a valid ReIM user.
12405503	EDIUPLOADBATCH performs poorly and ends in errors.
12344657	When there is difference between the invoice header amount and the total detail amount (which falls within calculation tolerance), the difference does not post.

Related Documentation

For more information, see the following documents in the Oracle Retail Invoice Matching Release 13.1.4.3 documentation set:

- *Oracle Retail Invoice Matching Operations Guide*
- *Oracle Retail Invoice Matching Data Model*

Installing the Bundled Hot Fix Release

To install this ReIM hot fix release, follow these steps:

1. Shut down the server and connected clients.
2. Download the .ZIP file from My Oracle Support.
3. Unzip the .ZIP file into a folder, such as REIM_HOTFIX.
4. There will be another .ZIP file called ReIMxxApplication.zip (where xx is the version number, such as 11, 12, and 13).
5. Unzip ReIMxxApplication.zip. Inside the file is reim.ear.
6. Copy the reim.ear file to the destination directory in your application server.
7. Go to the DBChanges folder inside REIM_HOTFIX to find the changed .SQL scripts and .PLS files.
8. Open a SQL*Plus session as an ReIM database user and compile all the .PLS files and execute .SQL files.
9. Restart the application server.

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