

Oracle® Retail Integration Bus

Release Notes

Release 13.2.4

March 2012

Oracle Retail Integration Bus (RIB) Release 13.2.4 is a patch release for RIB 13.2. RIB 13.2.4 includes selected defect fixes and enhancements for RIB 13.2 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.
-
-

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 RIB 13.2.4.
- 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.

Hardware and Software Requirements

See the *Oracle Retail Integration Bus Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

Applying the Patch Release

RIB releases are full releases of the application code. Follow the instructions in the *Oracle Retail Integration Bus Installation Guide* to install the full product, including all defect fixes to date.

Functional Enhancements

The following are functional enhancements for Oracle Retail Integration Bus Release 13.2.4.

Template Creator Tool

The Functional Artifacts Generator tool has been enhanced to generate custom and localized payloads business objects on demand, based on Oracle Retail Functional Artifact rules. A new tool called the Template Creator is provided to create the placeholder XSDs and the import hooks in the base objects on an as-needed basis.

In other words, this tool constructs the appropriate placeholders in the packaging structure in the correct locations. The Artifact Generator tools, including the Template Creator, can be used either as a command line or GUI tool set.

Note: With this release, the custom and localization directories for all business objects are by default not created, populated, and packaged in the generally available (GA) deliverable.

See the *Oracle Retail Functional Artifact Guide* and the *Oracle Retail Functional Artifact Generator Guide* for information.

Payload Changes

The following are the payload changes for Oracle Retail Integration Bus Release 13.2.4.

Payload Name	Change Description
Promotionref.xsd	The reward_qty field was removed from PromotionRef payloads.

Technical Enhancements

The following are technical enhancements for Oracle Retail Integration Bus Release 13.2.4.

Software Operating Environment Upgrades

The following are enhancements to the software operating environment options for RIB 13.2.4:

- Oracle JRockit R28 (Java 6)
RIB Release 13.2.4 is supported for use with the Oracle JRockit R28 implementation of Java 6 for Oracle Linux and Oracle Solaris 64-bit operating systems.
- Oracle WebLogic Server 11g Release 1
RIB Release 13.2.4 is supported for use with Oracle WebLogic Server 11gR1 (10.3.4).

Known Issues

The following are known issues for Oracle Retail Integration Bus Release 13.2.4.

Artifact Generator

The artifact generator does not work because of a known issue. A fix is in development.

Integration Gateway Services

With the RIB 13.2.4 release, you can secure Integration Gateway Services (IGS) using the Administration Console. While completing the required steps, however, users may encounter this Oracle WebLogic Server exception: "WS-Policy files associated with this Web service."

When Oracle WebLogic Server issues this exception, there is no way to secure IGS unless WebLogic Server is reinstalled. If this exception is encountered, you must reinstall WebLogic Server.

This issue also is noted in the section, "Secure IGS Web Services Using the Administration Console," in Chapter 6, "Integration Gateway Services Installation Tasks," in the *Oracle Retail Integration Bus Installation Guide*.

Defect Fixes

The following defect fixes are included in RIB Release 13.2.4. See the defect reports for details.

Release 13.2.4

The following defect fixes are new for RIB Release 13.2.4.

Defect Number	Summary
12975602	SIM is not updated when a promotion is deleted in RPM. SIM issues a validation exception, because the system expects a value for reward_qty, and it is not able to find it in the XML message. The status of the promotion in SIM remains pending.
13256067	The RMSSUB_SUPPLIER API issues an error message when VendorHdrModify and VendorAddrModify messages are inbound to RMS from the etExtVendor topic.
13261822	When PUB_RETRY runs to republish message, if the application sends a status of H, the message must be updated in RIB_MESSAGE_FAILURE. For the update, the message fails with an error message, which shuts down the adapter and stops the processing of messages.
13407581	IGS test suite Xitem has no Brazil related hooks.
13407635	When attempting to create a new store in RMS through RIB (using XStore subscriber, ETXSTORE topic, and XStoreCre message type), an error related to store_close_date occurs.
13412006	When an attempt is made to generate artifacts on demand through the Artifact Generator user interface, an error occurs: "Unable to create Artifact zips for artifacts."
13446083	When a message includes a message type that is longer than the expected length, it is considered a poison message, which cannot be entered into the RIB hospital. The exception details for the message are not cleared, so the next message entered into the RIB hospital assumes the details from the poison message.
13480799	The PL/SQL subscriber fails when there are multiple RIBMessage attributes inside RIBMessages for XStore.
13481218	When the user enters the password too quickly in the console, one or two characters appear in clear text.
13520828	Due to the change in retail-public-security-jar.api, PL/SQL stubby installation cannot be completed. The jar change, which requires JDK1.6 is being loaded into the database, which uses JDK1.5.
13539570	When RoutingInfo is empty ("") but not null, the system attempts to insert RoutingInfo into the database with an empty string value. As a result, the publisher adapter goes down, and the database issues an error message.
13542181	For WebLogic Server 10.3.4 certification for IGS, moving to 10.3.4 JARs caused WLST to shut down with a NullPointerException.
13636606	The user cannot set the security credentials from Maintenance-Home. A null pointer exception occurs.
13795627	The RIB XITEMS interface is very slow.

Release 13.2.3.2

The following defect fix was included in the RIB 13.2.3.2 bundled hot fix release. This fix is also included in Release 13.2.4.

Defect Number	Summary
13365225	Attempting to aggregate messages for family order results in errors.

Note: The RIB 13.2.3.1 release was a documentation-only release.

Related Documentation

For more information, see the following documents in the Oracle Retail Integration Bus Release 13.2.4 documentation set:

- *Oracle Retail Integration Bus Implementation Guide*
- *Oracle Retail Integration Bus Installation Guide*
- *Oracle Retail Integration Bus Operations Guide*
- *Oracle Retail Functional Artifact Generator Guide*
- *Oracle Retail Functional Artifacts Guide*
- *Oracle Retail Service Layer Installation Guide*
- *Oracle Retail SOA Enabler Tool Guide*
- *Oracle Retail Integration Bus Hospital Administration Guide*

Supplemental Documentation at My Oracle Support

The following document is available on the My Oracle Support Web site. Access My Oracle Support at the following URL:

<https://support.oracle.com>

RIB Integration Guide (ID 1277421.1)

The RIB Integration Guide is an HTML document that summarizes the Oracle Retail messaging integration by functional area. Each functional area (or message family) includes the publishing and subscribing application's components, message documents, and TAFR operations (if applicable).

Copyright © 2012, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

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:

(i) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.

(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.

You acknowledge and confirm that Oracle grants you use of only the object code of the VAR Applications. Oracle will not deliver source code to the VAR Applications to you. Notwithstanding any other term or condition of the agreement and this ordering document, you shall not cause or permit alteration of any VAR Applications. For purposes of this section, "alteration" refers to all alterations, translations, upgrades, enhancements, customizations or modifications of all or any portion of the VAR Applications including all reconfigurations, reassembly or reverse assembly, re-engineering or reverse engineering and recompilations or reverse compilations of the VAR Applications or any derivatives of the VAR Applications. You acknowledge that it shall be a breach of the agreement to utilize the relationship, and/or confidential information of the VAR Applications for purposes of competitive discovery.

The VAR Applications contain trade secrets of Oracle and Oracle's licensors and Customer shall not attempt, cause, or permit the alteration, decompilation, reverse engineering, disassembly or other reduction of the VAR Applications to a human perceivable form. Oracle reserves the right to replace, with functional equivalent software, any of the VAR Applications in future releases of the applicable program.