

Oracle® Retail Integration Bus

Release Notes

Release 14.0.2

E60262-01

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Welcome to Oracle Retail Integration Bus (RIB) Release 14.0.2. This Release Note contains information about technical enhancements and noteworthy fixed issues in this release.

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Overview

The Oracle Retail Integration Bus (RIB) is a fully distributed integration infrastructure that uses Message Oriented Middleware (MOM) to integrate applications. RIB enables various Oracle Retail applications to integrate in asynchronous and near real time fashion. RIB provides additional value added business and infrastructure services to the Oracle Retail applications in addition to providing integration connectivity.

About Patch Releases

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

- New defect fixes
- Product enhancements
- Technology upgrades
- Performance fixes

Documentation for patch releases includes new and updated guides (for example, Operations Guides, User Guides, and so on) that apply to the patch release level. These documents include applicable 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 Release 14.0.2.

Note: Customers must apply the entire patch release to update their installation to the currently supported level.

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

This section addresses the functional enhancements included in Oracle Retail Integration Bus Release 14.0.2:

Defect Number	Summary	Requesting Application/Product	Objects changed
19634666	Modify rib-rms-plsql-api.xml to add the message type 'xstoreaddrmod'.	RMS	No payload change. Modified the Integration Gateway Services (IGS) interface to expose the method to allow changes to XStoreAddr.
19896839	In Xtsfdesc, include two additional columns: ADJUSTMENT_TYPE and ADJUSTMENT_VALUE.	RMS	XTsf
19815132	Modify RIB_AllocDesc_REC payload to include Allocation Status field. In the AllocationToStockOrderTAFR, alloc_status should be mapped to so_status field on the SODesc.xsd.	RMS	Alloc
19629360	XITEM message types not supported by the RIB/IGS.	RMS	XItem. Modified the IGS interface.
19429216	Add an optional TAX_AUTHORITY_NAME element to the TAXLINEDESC.XSD.	POS	TaxLine

Defect Number	Summary	Requesting Application/Product	Objects changed
19625483	<p>The WSDL for the Item-Location, RIB Integration Gateway Services (IGS) - XItemLocPublishingService.wsdl, indicates that the PRIMARY_SUPP and PRIMARY_CNTRY are required tags. Currently, these two fields are mandatory in the IGS. The RMS API can populate these fields from Item* tables in the event they are passed as NULL. For non orderable items, there can be no supplier and country of sourcing and hence no value can be passed in these fields. Currently, the message fails and no non-orderable items can be ranged to items using the XItemloc IGS.</p>	RMS	XItemLoc

Defect Number	Summary	Requesting Application/Product	Objects changed
19975859	<p>The element (return_reason_code) and simple type (varchar220) should be added to the CustOrdItmRtVo.xsd for POS to provide the reason code support to OMS.</p> <pre data-bbox="561 478 906 533"><xs:element name="returned_amount" type="number20_4"></pre> <pre data-bbox="591 585 837 611"><retailDoc:annotation></pre> <pre data-bbox="561 663 943 873"><retailDoc:documentation> The additional amount returned or return voided for this order item in this transaction. It can be positive or negative. It is positive for return, and negative for return voided. This is to support partial return or return voided for an order item.</pre> <pre data-bbox="561 930 867 955"></retailDoc:documentation></pre> <pre data-bbox="591 1008 850 1033"></retailDoc:annotation></pre> <pre data-bbox="586 1085 740 1110"></xs:element></pre> <pre data-bbox="561 1163 878 1247"><xs:element minOccurs="0" name="return_reason_code" type="varchar220"></pre> <pre data-bbox="561 1287 808 1312"><retailDoc:annotation></pre> <pre data-bbox="561 1352 854 1377"><retailDoc:documentation></pre> <pre data-bbox="561 1392 938 1497">The reason code indicating why the order item is returned.</retailDoc:documentation></pre> <pre data-bbox="561 1537 821 1562"></retailDoc:annotation></pre> <pre data-bbox="578 1614 737 1640"></xs:element></pre>	POS	CustOrdItmRtVo

Technical Enhancements

This section addresses the technical enhancements included in Oracle Retail Integration Bus Release 14.0.2.

Note: The list below announces the addition of Oracle Retail support for the technology described. See the Installation Guide requirements section for critical information, such as whether the enhancement below replaces previous versions or is supported in addition to already existing versions.

Browser Support

Oracle Retail Integration Bus Release 14.0.2 is supported for use with the following browser:

- Microsoft Internet Explorer 9 and 11

Java 7 Update 67

Oracle Retail Integration Bus Release 14.0.2 is supported for use with Oracle Java 7 server and client (Java 7 update 67).

Documentation Enhancements

Oracle Retail Integration Bus Release 14.0.2 includes the following documentation enhancements.

Oracle Retail High Availability Case Study 14.0 (ID 1666048.1)

This document describes the steps to configure a highly-available Oracle Linux based environment to support Oracle Retail applications. Using Oracle Fusion Middleware active-active clustering and Oracle Real Application Clusters (RAC) databases, you can deploy Oracle Retail applications to provide high availability and scalability. This case study includes the following documents:

- *Oracle Retail 14.0 High Availability Case Study Introduction*
- *Oracle Retail 14.0 High Availability Case Study Oracle Linux*
- *Oracle Retail 14.0 High Availability Case Study RAC (Real Application Clusters Environment)*
- *Oracle Retail 14.0 High Availability Case Study Fusion Middleware Cluster (Part 1 and 2)*

For more information on configuring single sign-on, review the *Oracle Retail 14.0 High Availability Case Study Fusion Middleware Cluster (Part 2)*.

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).

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 are included in Oracle Retail Integration Bus Release 14.0.2:

Defect Number	Summary
19638051	The RIB item adapter does not work as desired. There is an error for concurrent access to hashmap attempt.
19580168	On a certain AIX platforms, the RDMT + t3s + AIX combination does not work. The webserviceclient+ssl.jar is now added on the classpath.
18528689	An index is added to the RIB_MESSAGE table.
18753200	The mdb application rib-rms.ear is not connected to the messaging system when there are more than 10 subscribers configured for a message family.
18508299	You are unable to change the RIB Administration GUI password when using the setup-security-credential.

Related Documentation

For more information, see the following documents in the Oracle Retail Integration Bus, Release 14.0.2 documentation set:

- *Oracle Retail Integration Bus Installation Guide*

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Oracle® Retail Integration Bus Release Notes, Release 14.0.2

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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.

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