

Oracle® Retail Integration Cloud Service

Release Notes

Release 16.0.023

E90671-01

January 2018

This document highlights the major changes in this release of Oracle Retail Integration Cloud Service.

Overview

The Oracle Retail Integration Cloud Service is comprised of the Oracle Retail Integration Suite of products that are cloud deployable for a customer's integration to Oracle Retail applications, and the customer's on-premises or hybrid configurations of third-party applications.

The integration products supported are the same as the generally-available on premises versions of the Oracle Retail Integration Bus (RIB), the Oracle Retail Service Backbone (RSB) and Oracle Retail Bulk Data Integration (BDI).

The cloud-deployed versions of the integration products render some functionality and documentation not applicable. For example, installation documentation is not provided in this release because those activities are handled by the cloud provider. In addition, customization tooling documentation is no longer available because those activities are no longer supported.

In a few documents, minor changes in configuration are noted. See the section, Related Documentation, later in this document for the complete list of documents associated with this release.

Note: The Oracle Retail Integration Cloud Service application is based on corresponding on-premises applications. References to the on-premises application names exist throughout the application and documents.

Note: The non-sequential version number of this Oracle Retail application is intentional.

Oracle Retail Cloud Services and Business Agility

Oracle Retail Integration Bus Cloud Service is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model

helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

A Note about On-Premises Applications and Integration Cloud Service Support

The integration between the Oracle Retail Integration Cloud Service and the Oracle Retail on-premises applications below is not supported. Any mention of those applications that may exist within this documentation set is for reference purposes only.

- Oracle Retail Warehouse Management System (RWMS)
- Oracle Retail Advanced Inventory System (AIP)
- Oracle Retail Price Management (RPM)

Note: RPM and the Pricing module that is included in the Merchandising Cloud Services release are separate entities, and RPM in this list is not a reference to that Pricing module.

Note that in some cases third party applications can communicate with the RIB using services.

Client System Requirements

The following technology is supported:

- Operating Systems
 - Microsoft Windows 7
 - Microsoft Windows 10
- Browser Support
 - Mozilla Firefox ESR 52+
 - Internet Explorer 11.0
 - Google Chrome (Desktop) 55+

Note: Oracle Retail assumes that the retailer has ensured its Operating System has been patched with all applicable Windows updates.

Technical Enhancements

The technical enhancements below are included in this release.

RIB RWMS Hybrid Cloud Solution

RIB now supports a deployment topology in which RIB is on cloud and Oracle Retail Warehouse Management System (RWMS) is on-premises.

RFI Hybrid Cloud Solution

Oracle Retail Financial Integration (RFI) now supports a deployment topology in which EBS is on-premises and Oracle Retail Merchandising System (RMS)/Oracle Retail Invoice Matching (ReIM) is on cloud.

RIB Self-Service Enablement

RIB now enables self-service for provisioning RIB on cloud post deployment. Also, RIB for EXT is added for third-party applications to integrate with RIB on cloud.

BDI/JOS Enhancements

BDI/JOS is enhanced to include job metrics, bulk process skip/hold feature, process execution trace, and OAuth2 authentication.

Functional Enhancements

There are no functional enhancements associated with RIB, RSB, and BDI in this release.

Client-side Components for Retail Integration Cloud Service

The software products and components that are needed on the client side to interact with Retail Integration Cloud Service are provided by accessing the following ID on My Oracle Support (MOS): **27433836**

Some of these libraries are split into multiple archive files, in order to limit the size of individual files. All of these files belonging to an archive must be merged before use.

Please use the following sample instructions to merge the part files into one archive file:

```
cat RSBCloudConnectorClientSideComponentsPak16.0.023_?of7.zip > whole.zip
zip -FF whole.zip --out RSBCloudConnectorClientSideComponentsPak16.0.023.zip
```

In some of the archives (for example, RSB) there may be split archives within the main archive. In this case, after creating the main archive, unzip the archive and then merge the part files contained within the extracted files, using the above commands.

A complete list of client-side downloadable products and components for Retail Integration Cloud Services is given below:

Client Side Components

- RIBCloudConnectorClientSideComponentsPak16.0.023
- RSBCloudConnectorClientSideComponentsPak16.0.023_1of6
- RSBCloudConnectorClientSideComponentsPak16.0.023_2of6
- RSBCloudConnectorClientSideComponentsPak16.0.023_3of6

- RSBCloudConnectorClientSideComponentsPak16.0.023_4of6
- RSBCloudConnectorClientSideComponentsPak16.0.023_5of6
- RSBCloudConnectorClientSideComponentsPak16.0.023_6of6
- BDICloudConnectorClientSideComponentsPak16.0.023
- RFICloudConnectorClientSideComponentsPak16.0.023.zip

BDI

- BdiFuncArtifact16.0.023ForAll16.0.023Apps
- BdiEdgeAppJobAdminPakForExternal
- BdiCliJobExecutor16.0.023
- BdiCliTransmitter16.0.023
- BdiIntJobAdminPak16.0.023ForRfi16.0.023

RIB

- RIB functional artifact
- Functional Artifact Generator
- JAVA EE API stubs
- PLSQL API stubs
- fileio
- CSM

RSB

- RSE
- Service Integration Pak for External apps
- Service Integration Pak for IGS
- J-SIT
- P-SIT
- Security Configuration sample scripts

RFI

- BdiIntJobAdminPak16.0.023ForRfi16.0.023
- RetailFinancialIntegrationPak16.0.023ForRfi16.0.023

Support Considerations

For product support and logged defects, the new product identifier for the Oracle Retail Integration Cloud Service is 13314. Each logged defect will be analyzed to determine the source of the reported issue. Note that this Cloud Service product code also includes RSB and BDI functionality.

Related Documentation

For more information, see the following documents in the Oracle Retail Integration Cloud Service 16.0.023 documentation set:

- *Oracle Retail Integration Cloud Service Administration Guide*
- *Oracle Retail Integration Cloud Service Administrator Action List*
- *Oracle Retail Job Orchestration and Scheduler Implementation Guide*

RIB Related Documentation

For more information, see the following documents in the Oracle Retail Integration Bus 16.0.023 documentation set:

- *Oracle Retail Integration Bus Implementation Guide*
- *Oracle Retail Integration Bus Installation Guide*
- *Oracle Retail Integration Bus Operations Guide*
- *Oracle Retail Integration Bus Hospital Administration Guide*
- *Oracle Retail Integration Bus Support Tools Guide*
- *Oracle Retail Functional Artifacts Guide*
- *Oracle Retail Functional Artifacts Generator Guide*
- *Oracle Retail Service-Oriented Architecture Enabler Tool Guide*
- *Oracle Retail Integration Bus Java Messaging Service Console Guide*

RSB Related Documentation

For more information, see the following documents in the Oracle Retail Service Backbone 16.0.023 documentation set:

- *Oracle Retail Service Backbone Developers Guide*
- *Oracle Retail Service Backbone Implementation Guide*
- *Oracle Retail Integration Console (RIC) User Guide*
- *Oracle Retail Service Backbone Security Guide*

BDI Related Documentation

For more information, see the following documents in the Oracle Retail Bulk Data Integration 16.0.023 documentation set:

- *Oracle Retail Bulk Data Integration Implementation Guide*
- *Oracle Retail Bulk Data Integration Installation Guide*

ORFI Related Documentation

For more information, see the following documents in the Oracle Retail Financial Integration 16.0.023 documentation set:

- *Oracle Retail Financial Integration for Oracle Retail Merchandise Operations Management and Oracle Financials Implementation Guide*

- *Oracle Retail Financial Integration for Oracle Retail Merchandise Operations Management and Oracle Financials Installation Guide*

Oracle Retail Learning Subscriptions at Oracle University

The Oracle Retail Learning Subscription is a digital training solution for anyone on your team seeking training on Oracle Retail Products. With the learning subscription you get the key elements of an effective learning program and the conveniences of a digital format, making this training unmatched in the industry.

You get modern learning at its best, such as:

- 12 months of 24/7 access to a comprehensive set of high quality videos delivered by Oracle experts.
- Detailed coverage and step-by-step demonstrations.
- Periodic updates for new features and product enhancements.
- Flexibility to search, access and learn about specific topics of interest.

The learning subscription enables current users to continually refresh and upgrade their product skills. It also enables new employees with a self-paced learning guide to help them quickly become proficient on Oracle Retail Products.

For training opportunities, see the following web site:

<http://www.oracle.com/education>

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 Cloud Service Release Notes, Release 16.0.023
E90671-01

Copyright © 2018, 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 is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware 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 that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe

use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about 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 unless otherwise set forth in an applicable agreement between you and Oracle. 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, except as set forth in an applicable agreement between you and Oracle.

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.

