

Oracle® Retail Integration Cloud Service

Release Notes

Release 16.0.040

F23373-01

September 2019

This document highlights the major changes for Release 16.0.040 of Oracle Retail Integration Cloud Service.

Overview

The Oracle Retail Integration Cloud Service (RICS) 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), Oracle Retail Bulk Data Integration (BDI) and Retail Financial Integration (RFI).

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 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.

Client System Requirements

The following technology is supported:

Operating Systems

- Microsoft Windows 7
- Microsoft Windows 10

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

Browser Support

- Mozilla Firefox ESR 60+
- Microsoft Internet Explorer 11.0
- Google Chrome (Desktop) 73+

Functional Enhancements

The functional enhancements below are included in this release.

Packaged Integration with Oracle WMS Cloud

This release introduces packaged integration between Oracle WMS Cloud (formerly Logfire WMS) and the following Oracle Retail solutions: Oracle Retail Merchandising Foundation Cloud Service (RMFCS), Oracle Retail Store Inventory and Operations Cloud Services (SIOCS), and Oracle Retail Order Broker (OROB), via the Oracle Retail Integration Cloud Service.

This integration works by taking RIB messages from RMFCS and SIOCS and transforming them into the format needed by WMS Cloud. This is facilitated by a mapping tool in RICS that calls WMS Cloud REST APIs to deliver the information. Similarly, when WMS Cloud sends information to the Oracle Retail solutions, the WMS Cloud outbound interfaces are configured to work with RICS APIs, which transform the data into the format needed by RMFCS, SIOCS, and OROB and places them on the queues to be picked up by the appropriate RIB subscribers using REST APIs. The tables below summarize the functional areas included in this packaged integration.

Note: The RICS integration in this release is available for the below versions of the impacted solutions:

- RMFCS v16.0.031 and later
 - OROB v18.1 and later
 - SIOCS v18.1 and later/SIM 16.0.2.3
 - WMS Cloud v19C
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RMFCS and WMS Cloud

From RMFCS to WMS Cloud	From WMS Cloud to RMFCS
Items and Item Location	Outbound ASNs
Partners	Inventory Adjustments
Suppliers	RTV Shipments
Purchase Orders	Stock Order Status Updates
Stock Orders (Transfers and Allocations)	Receipts
RTV Requests	

SIOCS and WMS Cloud

From SIOCS to WMS Cloud	From WMS Cloud to SIOCS
Outbound ASNs	Outbound ASNs

OROB and WMS Cloud

From OROB to WMS Cloud	From WMS Cloud to OROB
n/a	Stock Order Status Updates
	Outbound ASNs

Note: WMS Cloud also subscribes to inbound ASNs that are received from suppliers with shipment details for purchase orders. These are also brokered through this integration, but the source for these transactions is the supplier.

Technical Enhancements

The technical enhancement below is included in this release.

Universal Service Mapper

A new component has been added in this release to provide the critical data mapping features used in the WMS Cloud integration. This new component is called Universal Service Mapper (USM). USM supports two of styles of integration: message-based,

such as from RIB, and service-based, such as from external applications. This functionality allows USM to take service calls from an external solution and transform them to the correct style and format for an Oracle Retail application. This tool is only used for the WMS Cloud integration with this release.

Support Considerations

For product support and logged defects, the 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.

Related Documentation

For more information, see the following documents in the Oracle Retail Integration Cloud Service 16.0.040 documentation set:

- *Oracle Retail Integration Cloud Universal Service Mapper User Guide*
- *Oracle Retail Integration Cloud Enterprise Integration Overview*
- *Oracle Retail and WMS Cloud Implementation Guide*

RIB Related Documentation

For more information, see the following documents in the Oracle Retail Integration Bus 16.0.030 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 16.0.030 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 16.0.030 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 16.0.030 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

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Licensing Note: This media pack includes a Restricted Use license for Oracle Retail Predictive Application Server (RPAS) - Enterprise Engine to support Oracle® Retail Analytic Parameter Calculator for Regular Price Optimization only.

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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