Oracle® Retail Merchandising Foundation Cloud Service

Release Notes

Release 16.0.031

F21493-01

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This document highlights the major changes for Release 16.0.031 of Oracle Retail Merchandising Foundation Cloud Service.

Overview

Retailers leverage Oracle Retail Merchandising Foundation Cloud Service (RMFCS) functionality to execute core merchandising activities, including merchandise management, inventory replenishment, purchasing, import processes, sales auditing, and financial tracking. Its Trade Management module is used to manage the import process, including automating the steps necessary to import goods, managing file exchanges with trading partners, and providing a central database of critical import order information.

Merchandising Foundation Cloud Service also includes the Sales Audit module. The Sales Audit module evaluates sales transaction from all channels, identifying any missing, duplicate, or erroneous data and highlighting any suspicious transactions, to ensure errors are resolved so that downstream systems operate off the same cleansed sales information.

Oracle Retail Cloud Services and Business Agility

Oracle Retail Foundation 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
- Google Chrome (Desktop) 73+

Functional Enhancements

The functional enhancements below are included in this release.

Sales Audit Dashboard Configurability

The Sales Audit dashboard contains three reports as part of the base solution. In previous updates, each of these three reports were configured to show the last week of data to the auditor. In this update, these three reports have been modified to support a configurable number of days, up to 14 days, to be shown in the reports. Each report can be configured separately.

GL Cross Reference Download Filters

New filter options were added to the Foundation Data Download option for GL Cross Reference data, adding to those that were previously supported. The new filters for transaction code and transaction reference will optionally allow these values to be specified to limit the cross-reference data that is downloaded into a spreadsheet. For example, if you wanted to download the cross-reference definitions for stock adjustments that were mapped for reason code charitable donations in order to copy the definitions for a new reason code being added, you could do that by specifying the stock adjustments transaction code and entering the reason code as the transaction reference.

Technical Enhancements

The technical enhancement below is included in this release.

Batch Schedule Updates

There were several batch schedule changes that have been included in this update. For current customers, details of these updates can be found in the Advanced Release Notes for this service update. Otherwise, the latest batch schedule in-formation can be found in the *Operations Guide - Volume 1 - Batch Overviews and Designs* and the *Merchandising Cloud Services Batch Schedule*.

Integration Enhancements

The integration enhancements described below are included in this release.

OROMS and OROB Integration

As part of this update, end to end integration between the below Oracle Solutions has been introduced in support of the following customer ordering journeys:

- Order Online, Ship from Warehouse
- Order Online, Ship from Store
- Pre-order
- Order Online, Return to Warehouse

> **Note:** For more details on the functionality supported in this integration, see the Merchandising and SIM Integration with OMS and OB white paper that can be found on My Oracle Support under ID 2088235.1.

The following products and cloud services are included in the integration for these journeys:

Oracle Retail Product Area	Version
Oracle Retail Merchandising Foundation Cloud Service (RMFCS)	V16.0.031
Oracle Retail Pricing Cloud Service (RPCS)	V16.0.031
Oracle Retail Order Management System Cloud Service (OROMS)	V18.2
Oracle Retail Order Broker Cloud Service (OROB)	V18.1
Oracle Retail Store Inventory Management (SIM)	V16.0.2.2
Oracle Retail Integration Cloud Service (RICS)	V16.0.031

The foundation data, items, and pricing information needed to support customer ordering will also be subscribed to by OROMS and OROB in this update, via RICS. However, no changes were made to the existing RMFCS and RPCS integrations in order to support the integration, so they are not listed below. The details on the other new and updated integration points to support the journeys are described below.

New Integrations

The following new integrations were introduced by Merchandising in this update to support the customer journeys described above.

Functional Area	Integration Method
Future Available Inventory	BDI
Available Inventory for Warehouses	RIB

Updated Integrations

The following integrations had updates in Merchandising for this update to support the customer journeys.

Functional Area	Integration Method
Available Inventory for Warehouses	BDI
Available Inventory for Stores	BDI
Fulfill Order	RIB, RSB
Order Confirmation	RIB, RSB
Order Cancel	RIB, RSB
Transfer Publication	RIB
Backorder	RSB
Merchandise Hierarchy	RIB

Updated Sales and Returns Integration

In addition to the integration changes outlined above, there were also some changes to the sales and returns processing in Sales Audit and Merchandising required to support the journeys. To support these changes, two new fields were added to the RTLOG, which is used to import data into Sales Audit. The fields hold the store or warehouse that is used to fulfill the customer order and will be utilized by Merchandising in the sales processing, as described below.

Note: Both the previous and new versions of the RTLOG file will be accepted, so if not utilizing OROMS for customer order integration, changes are not required to accommodate the new fields, unless you choose to use the new system options to account for sales and returns differently.

Sales Audit Export to Merchandising Changes

The Sales Audit export of sales and return data to Merchandising has been updated to include the two new fields from the sales file, fulfillment type and fulfillment location, as well as the following attributes for sales and returns: transaction number, customer order number, fulfillment order number, and original store.

Merchandising Sales Processing Updates

Sales processing in Merchandising was modified in this update to provide the ability to account for sales differently for customer orders being fulfilled based on store inventory. Previously, sales were always recorded against the store whose inventory was used for fulfilling the order. The introduction of the new Account for Sales for Store Fulfilled Orders system option allows you to instead credit the sale against the location where the order was taken, such as the store representing your e-commerce site. If the Order Location option is chosen, then when processing the sale, inventory will be decremented at the physical store, sales will be recorded for the e-commerce store, and book transfer transactions will be recorded to account for the inventory differences. If the Fulfillment Location option is chosen, sales processing will work as

in previous updates, with the fulfillment location being credited for the sale and having inventory decremented.

Merchandising Return Processing Updates

Similar to sales processing, modifications were made for return processing to provide the option of recording returns against the original location rather than where the customer actually returned the goods, when the return is based on a customer order. This processing uses the new Account for Returns for Customer Returns in Store system option to determine how to record return transactions. If set to Original Location, then the original store sent in the sales file will be used to record the return, while inventory is incremented at the physical return location; book transfer transactions will account for the inventory differences. Otherwise, return processing will work as in previous updates, with the return credited to the location where the customer physically returned the order.

Sales Audit Export to Retail Insights Changes

The Sales Audit export to Oracle Retail Insights from Sales Audit was also modified based on the sales and return processing changes in Merchandising to ensure that sales and returns are accounted for in the same locations that they will be in Merchandising, as determined by the system options described above.

This export was also modified to include additional reference fields that were not previously sent to Retail Insights. The reference fields now sent include 1-8, 13-16, and 25-27.

Note: This change corresponds with version 18.0.002 of Oracle Retail Insights Cloud Service Suite.

Publish Full Objects

In order to better support the integration of Merchandising with non-Oracle Retail solutions via RIB, new publishers for several objects were added in this update, which publish the full details of the entity when that entity changes, rather than just the changes since the last update. For example, if an item description is updated, the full item header details are sent, rather than just the item with the updated description with all other fields null. However, it should be noted that the full objects are a subset of the data published in the delta objects.

A new system option, called Publish RIB Options was added to support this functionality. The valid values for the system option are Deltas Only or Deltas and Full. If set to Deltas Only, then the functionality that was previously supported will continue to be used. If Deltas and Full is selected, then in addition to the publication of just the changed attributes for an entity, an additional message will also be published containing the full set of data for updates.

The following areas had new publishers created:

- Item
- Supplier
- Purchase Orders
- Transfers

- Allocations
- RTV Requests

Notice of Retirement

The following functional areas in Merchandising will be phased out of the solution and will be completely removed in an upcoming service update. Customers using these capabilities should review options to transition to the capabilities outlined as replacements for these functions.

- **Coupons**

  This functionality supports the creation of a temporary discount with an associated coupon code. However, the introduction of the Promotion capability in the Oracle Retail Pricing Cloud Service (RPCS), which allows for a coupon code to be attached to a temporary discount, replaces this functionality with more robust functionality. This functionality will be removed from RMFCS completely in an upcoming release (estimated to be about 18 months from the availability of this patch).

- **Customer Segments**

  This functionality was intended to work with the on premise pricing solution Oracle Retail Price Management (RPM), which supported promotions by customer segment. This functionality is not available in RPCS, as it is a function of the Oracle Retail Customer Engagement cloud service (ORCE), which also is the Oracle Retail owner of customer information. It therefore can be retired from RMFCS. This functionality will be removed from RMFCS completely in an upcoming release (estimated to be about 6 months from the availability of this patch).

- **Merchandising Pricing API**

  This API was introduced as a temporary means of getting price information into Merchandising before the RPCS pricing capabilities were fully functional. However, with the introduction of that solution, as well as the Simplified Pricing option, this is no longer required in RMFCS. This functionality will be removed from RMFCS completely in an upcoming release (estimated to be about 6 months from the availability of this patch). For more on Simplified Pricing, see the RPCS release notes for this release.

Related Documentation

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

- Merchandising Cloud Services Administration Guide
- Merchandising Cloud Services Implementation Guide
- Merchandising Cloud Services Batch Schedule
- Operations Guide - Volume 1 - Batch Overviews and Designs
- Operations Guide - Volume 2 - Message Publication and Subscription Designs
- Items User Guide
- Finance User Guide

- Purchase Orders and Contracts User Guide
- Deal and Cost Change User Guide
- Replenishment User Guide
- Price Management User Guide
- Franchise User Guide
- Foundation Data User Guide
- RMFCS Do the Basics User Guide
- Inventory User Guide
- Sales Audit User Guide
- Import Management User Guide

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