

# Oracle® Retail Order Broker

Release Notes

Release 19.0

December 2019

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## Overview

Order Broker includes the following modules:

- Routing Engine: Distributed order broker that determines inventory availability across the enterprise, and uses advanced business rules to select locations that can fulfill orders
- Supplier Direct Fulfillment: Web-based vendor portal enabling vendors to share purchase orders and shipping information to simplify drop shipment
- Store Connect: Web portal that enables store associates to process and fulfill omni-channel orders

## Hardware and Software Requirements

See the *Oracle Retail Order Broker Installation Guide* for the hardware and software requirements.

## Client Browser Requirements

Supported browsers for the vendor portal, Store Connect, and the Order Broker administration screens:

- Chrome 78.0 or higher
- Internet Explorer 11.6 or higher
- Firefox 60.8 or higher

## Supported Oracle Retail Products

The following Oracle Retail products can be integrated with Order Broker. Each product may integrate with various pieces of Order Broker functionality and not necessarily all features available within Order Broker.

Each product is optional.

- Oracle Retail Xstore Point of Service 16.0+, 19.0
- Oracle Retail Order Management System Cloud Service 16.0+, 19.0

The above products can be installed before or after Order Broker. However, it is helpful to know the connection details for the other products when configuring Order Broker.

## Functional Enhancements

The functional enhancements below are included in this update.

### Centralized Job Management

With this update, Order Broker provides a central screen for scheduling jobs. The **Schedule Jobs** screen now includes a number of jobs that were previously available at the **System** screen and the **Schedule Imports** screen. Also, the **View Active Schedules** screen now provides visibility into the full list of scheduled jobs, as well as including links to the review history for the incremental inventory import and the product import.

### Tracking Routing Engine Logic

A new **Trace Shopping Logic** screen enables you to review each of the locations considered by the Routing Engine when determining where to assign an order for sourcing or shipping, and the reason why locations were determined to be ineligible. Use a new setting at the **Event Logging** screen to enable the trace when necessary to resolve questions.

### Manage Attribute Definition Screen

You can use the new **Manage Attribute Definitions** screen to review existing product and/or product location attribute assignments, and to delete one or more attribute assignments, eliminating the requirement to advance to screens displaying this information separately through the **Products** screen or the **Locations** screen.

### Shop Orders When Proximity is Unknown

A new preference enables you to indicate whether to shop for a location for an order when the customer's address cannot be determined. In this situation, the address of the location originating the order is used, if possible; otherwise, the Routing Engine uses a distance of zero when searching for a sourcing location, indicating that proximity is not a factor. If the new preference is not selected, the Routing Engine returns an error if the customer's address cannot be determined.

## Integration Enhancements

The following integration enhancements are included in this update.

### Extract Sales Order Data

You can use the sales order data extract to export data related to sales orders and purchase orders. The data that you can extract includes:

- sold-to and ship-to customers
- customization details
- items ordered
- status history

The extract writes the information to pipe-delimited files, which are bundled into a compressed zip file. You can then use the File Storage API to obtain the export files.

You use the **Schedule Jobs** screen to schedule this job separately for each organization whose order data should be extracted.

## Probable Quantity Export Enhancements

Changes were made to enhance the performance of the probable quantity export process and prevent issues with multiple jobs running at once.

- *Aggregate by Product*: Added an option to aggregate the totals in the probable quantity export file by product rather than including separate totals for each product location.
- *Streamline Export if not Using Probable Quantity Rules*: Added an option to streamline the export by not calculating probable quantity, and instead using the Available to promise quantity. The Available to promise quantity is the available quantity minus the reserved quantity and any stc\_fulfilled\_quantity (displayed on **Product Location** screens as the *Fulfilled Quantity*).
- *Scheduling Changes*: The probable quantity job can run only if the following jobs are not already running:
  - Incremental Inventory Import
  - An import running through Schedule Imports
  - Another instance of the probable quantity export

Similarly, the other submitted jobs can run only if the probable quantity export is not running, as well as the other referenced jobs.

## Job Notification Messages

A new job notification RESTful web services provide notifications of job completion and status from Order Broker.

## Foundation Item Integration with Omnichannel Cloud Data Service (OCDS)

Added options to import data through Omnichannel Cloud Data Service, including:

- Store and warehouse locations.
- Products.
- Product locations.
- Product inventory in bulk.

The data in OCDS originates in Oracle Retail Merchandising Foundation Cloud Service (RMFCS). This data is also available to other omnichannel products, including Order Management System Cloud Service.

You can also receive availability updates for individual product locations.

### Scheduling Imports

You can use the **OCDS Integration Import tab** at the **System** screen to schedule imports from systems configured to use OCDS. The import can be a full refresh, or include new or changed records since the most recent import for the system when you submit the import interactively.

## Fulfill Orders through Oracle Retail Integration Cloud Service (RICS)

In order to support enterprise order fulfillment, added an option to submit orders through Oracle Retail Integration Cloud Service (RICS). The enterprise order fulfillment option supports inventory reservation through Oracle Retail Merchandising Foundation Cloud Service (RMFCS), and order fulfillment through RMFCS and Oracle Retail Store Inventory Management (SIM).

When Order Broker assigns an order to a location for a system configured to use the integration, it posts the order or line to RICS, and the order information in RICS is available to RMFCS and SIM. Order Broker then receives status updates through RICS as the assigned systems process the order.

If the order is canceled or rejected or assigned to a different location, Order Broker generates a notification, through RICS, for RMFCS to release the inventory.

At this time, only delivery orders are eligible for fulfillment through the RICS integration.

Use the **RICS Integration** tab at the **System** screen to configure the integration.

### Related Functional Enhancement

You can use a new **RICS Log** tab at the **Order** screen to review the request and response messages between Order Broker and RICS.

## Alert

Oracle recommends that you use the File Storage API, rather than secure FTP, for file transfer.

## Deprecation Advisory

### MOMZIP File Upload

In a future release, importing product and bar code data from Merchandising Foundation Cloud Service Applications (RMFCS) through a MOMZIP file upload will no longer be supported. Importing data from Merchandising Cloud Service through the Omnichannel Cloud Data Service (OCDS) should be used instead.

## Related Documentation

For more information, see the following documents in the Oracle Retail Order Broker 19.0 documentation set:

- *Oracle Retail Order Broker Online Help*
- *Oracle Retail Order Broker Vendor Portal Online Help*
- *Oracle Retail Order Broker Store Connect Online Help*
- *Oracle Retail Order Broker Vendor Integration Guide*
- *Oracle Retail Order Broker Administration Guide*
- *Oracle Retail Order Broker Installation Guide*
- *Oracle Retail Order Broker Upgrade Installation Guide*

## Supplemental Documentation on My Oracle Support (Doc ID 2114324.1)

The following Order Broker documents are available through My Oracle Support. Access My Oracle Support at the following URL: <https://support.oracle.com>.

- *Change List*: Provides a detailed description of the changes made in Order Broker for Update 19.0.
- *Operations Guide*: Describes the messages supported by Order Broker web services.

- *Data Dictionary*: Provides a listing of the tables in the database.
- *Security Guide*: Describes how to safely configure and use Order Broker.

## Supplemental Training on My Oracle Support

### Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/us/corporate/accessibility/index.html>.

### Access to Oracle Support

Customers that have purchased support have access to electronic support at 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.

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