

This document highlights the major changes for Release 18.2 of Oracle Retail Order Broker Cloud Service.

Overview

Order Broker Cloud Service 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.

Oracle Retail Cloud Services and Business Agility

The Oracle Retail Order Management System 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 Browser Requirements

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

- Chrome 43.0 or higher
- Internet Explorer 10.0 or higher
- Firefox 38.0 or higher

Integration Enhancements

The following integration enhancements are included in Release 18.2.

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.

OAuth Authentication

Order Broker web services now support token-based OAuth authentication for inbound web service messages, avoiding the need to pass the web service user's password.

Job Notification Messages

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

Deprecated Feature

The following deprecated feature is announced with this release.

Application Area	Feature	Planned Removal Date	Notes with Replacement Options
Web Service Authentication	Basic Authentication (inbound)	Fourth quarter 2021	OAuth authentication should be used instead for inbound web service requests. See the Change List on My Oracle Support (ID 2114324.1) for more information.

Related Documentation

For more information, see the following documents in the Oracle Retail Order Broker Cloud Service Release 18.2 documentation set:

- Online Help
- Administration Guide

Supplemental Documentation on My Oracle Support (ID 2114324.1)

The following 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 Release 18.2.
- *Operations Guide*: Describes the messages supported by Order Broker web services.

Supplemental Training on My Oracle Support

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

Transfer of Information (TOI) Material (Doc ID 732026.1)

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

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