

Oracle® Retail Store Inventory Operations Cloud Service Release Readiness Guide



Release 22.1.201.0

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Preface

This guide outlines the information you need to know about Oracle Retail Store Inventory Operations Cloud Service new or improved functionality in this update, and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

Audience

This document is intended for the users and administrators of the Oracle Retail Store Inventory Operations Cloud Service.

Documentation Accessibility

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- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Oracle Help Center (docs.oracle.com)

Oracle Retail product documentation is available on the Oracle Help Center at <https://docs.oracle.com/en/industries/retail/index.html>.

(Data Model documents can be obtained through My Oracle Support.)

Comments and Suggestions

Please give us feedback about Oracle Retail Help and Guides. You can send an e-mail to: retail-doc_us@oracle.com

Oracle Retail Cloud Services and Business Agility

Oracle Retail Store Inventory Operations 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.

1

Feature Summary

This chapter describes the feature enhancements in this release.



Note:

Oracle Retail has adopted a new numbering system to correlate the release numbers with Major Updates and the calendar for better clarity. The first two digits are the calendar year; the next digit is the Major release number; the third three digits reflect the calendar quarter and the month within that quarter; and the final digit represents the hot fix sequence.

Noteworthy Enhancements

This guide outlines the information you need to know about new or improved functionality in the Oracle Retail Store Inventory Operations Cloud Services update and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

Column Definitions

- **Feature:** Provides a description of the feature being delivered.
- **Module Impacted:** Identifies the module impacted associated with the feature, if any.
- **Scale:** Identifies the size of the feature. Options are:
 - **Small:** These UI or process-based features are typically comprised of minor field, validation, or program changes. Therefore, the potential impact to users is minimal.
 - **Large:** These UI or process-based features have more complex designs. Therefore, the potential impact to users is higher.
- **Delivered:** Identifies whether the feature is Enabled or Disabled upon initial delivery.
- **Customer Action Required:** You must take action before these features can be used. These features are delivered disabled and you choose if and when to enable them.

Table 1-1 Noteworthy Enhancements

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
New and Updated Options				
SIOCS Managed Stores	EICS	Large	No	Grant permissions.

Table 1-1 (Cont.) Noteworthy Enhancements

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
UDA Print Setup	EICS	Medium	No	Grant permissions.
UIN Label Setup	EICS	Small	No	Grant permissions.
Auto Inventory Adjustment	EICS	Large	No	Grant permissions and set up.

New Feature Descriptions

This section describes the new features.

SIOCS Managed Stores

SIOCS Managed Stores allows a retailer to indicate which stores are managed by SIOCS and which are not yet managed by SIOCS. The non-SIOCS Managed Stores will usually be maintained in a third-party system.

With this functionality, it is possible to migrate all locations to Oracle Retail Merchandise Foundation Cloud Service (RMF CS), and while the RMF CS foundation data is live, to have some stores managed in SIOCS.

Specifically, a non-SIOCS Managed Store will:

- Not publish out any changes.
- Subscribe to all changes, as well as allow web service calls.
- Allow admin changes.
- Only allow users to view transactions, but not execute them.
- New stores will automatically be set to SIOCS Managed.

Permissions

PERMISSION	TOPIC	DESCRIPTION
Access SIOCS Managed Stores	Admin	With this permission, the user can access the SIOCS Managed Store dialog.

Managed Stores Details

Store	Assign...
Filter	
1151 - 1151 Dallas	<input checked="" type="checkbox"/>
1211 - 1211 Boston	<input checked="" type="checkbox"/>
1221 - 1221 New York	<input checked="" type="checkbox"/>
1231 - 1231 Philadelphia*	<input checked="" type="checkbox"/>
1341 - 1341 St. Louis	<input checked="" type="checkbox"/>
1421 - 1421 Portland	<input type="checkbox"/>
1511 - 1511 Phoenix	<input checked="" type="checkbox"/>
1521 - 1521 Albuquerque	<input checked="" type="checkbox"/>
5141 - 5141 IshMelbourne	<input checked="" type="checkbox"/>
5151 - 5151 IshPerth	<input checked="" type="checkbox"/>
2100 - 2100 Xstore-Dallas*	<input checked="" type="checkbox"/>
5142 - 5142 IshLeamington Spa	<input checked="" type="checkbox"/>

The SIOCS Managed Stores screen allows you to select those stores that are using SIOCS for inventory management. The screen is accessed by selecting Admin > Configuration > SIOCS Managed Stores.

Upon initial install, all stores will be defaulted to Assigned (selected) which means that they are SIOCS Managed. When a new store comes into SIOCS, it will default to assigned / SIOCS Managed. If a store is not using SIOCS, then it needs to be unassigned (unselected).

The following areas are impacted for non-SIOCS Managed Stores:

- Users for non-SIOCS Managed Stores will only have access to Admin screens in EICS, lookups, and view-only access to transactions.
- Messages will not be published out of SIOCS for non-SIOCS Managed Stores.
- Item Lookup Stock Locator will display stock only for SIOCS Managed Stores.
- Product Group Schedules can only be scheduled for SIOCS Managed Stores:
 - In the SIOCS Managed Stores UI of the desktop (above), if a store goes from SIOCS Managed to non-SIOCS Managed, and there are open product group schedules for this store, the user will be prompted upon saving to Delete the stores from the Product Group Schedule.

UDA Print Setup

The system can automatically generate tickets and labels for items when User-Defined Attributes (UDA) values change.

Permissions

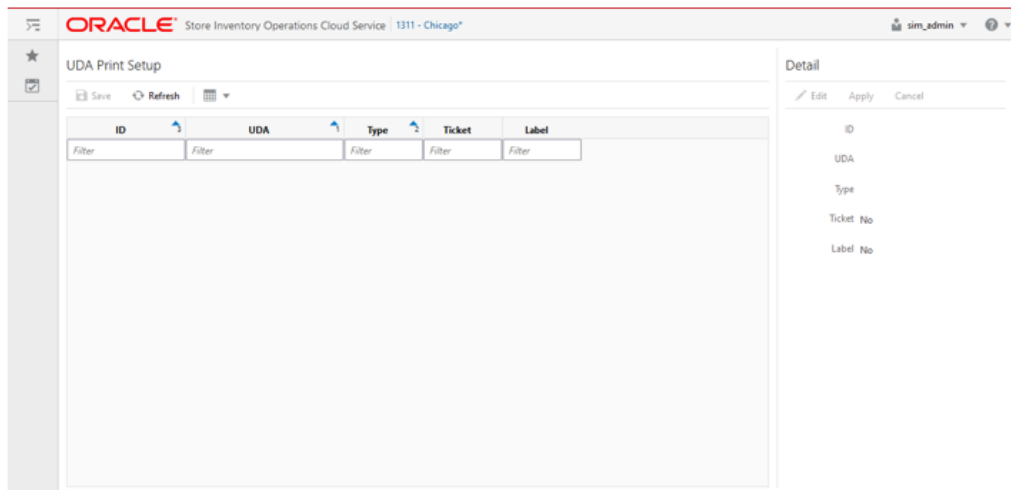
PERMISSION	TOPIC	DESCRIPTION
Access UDA Setup	Admin	With this permission, the user can access the UDA Print Setup dialog in the desktop application.
Edit UDA Setup	Admin	With this permission, the user can edit the UDA Print Setup values.

Details

The UDA Print Setup function allows you to define whether new tickets, new labels, or both, should be printed automatically when a particular UDA value is changed.

The user can access the dialog from the desktop application by selecting the menu Admin > Data Setup > UDA Print Setup.

These print settings affect all stores because User-Defined Attributes are not specific to stores. This function is only available to users with the required permissions.



Specify whether Tickets or Labels are Printed Automatically

To control whether tickets or labels are printed automatically when a UDA changes, select the UDA and edit to switch on/off the printing of tickets and labels.

When an item has a changed UDA, the system will generate a ticket, label, or both for that item based upon the setup on this screen.

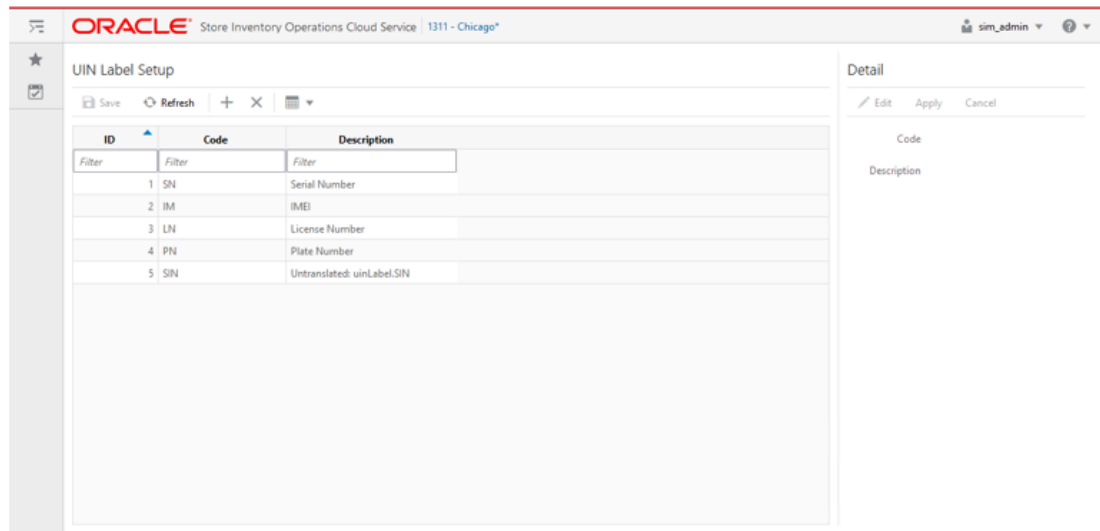
UIN Label Setup

The UIN Label Setup screen allows the user to set a customized name for the UIN. The UIN Label is used for displaying on various screens and reports in the application. This may include Serial Number, IMEI, SIN, License Number, Part Number, and so on.

Permissions

PERMISSION	TOPIC	DESCRIPTION
Access UIN Label Setup	Admin	With this permission, the user can access the UIN Label Setup dialog in the desktop application.

Details



On this screen, the user can add the new labels for the UIN and provide the description.

The code entered here must match the one that is coming from the external system for correct processing.

Once the new UIN label is created and saved, the system identifies the label based on the code and uses it in the application.

Specify whether Tickets or Labels are Printed Automatically

To control whether tickets or labels are printed automatically when a UDA changes, select the UDA and edit to switch on/off the printing of tickets and labels.

When an item has a changed UDA, the system will generate a ticket, label, or both for that item based upon the setup on this screen.

Auto Inventory Adjustment

Auto Inventory Adjustments are a method for a retailer to automatically reduce stock by leveraging auto created inventory adjustments. For grocers, this can for example be used to reduce inventory on stock on hand due to moisture evaporation. For a fashion retailer, mass merchant it could be used to reduce received non-sellable merchandise.

Permissions

PERMISSION	TOPIC	DESCRIPTION
Access Product Group Schedules	Admin	With this permission, the user can access the UIN Label Setup dialog in the desktop application.
Data permission	Product group type	Auto Inventory Adjustment.

Product Group Detail (Auto Inventory Adjustment)

This is the **Product Groups** screen with focus on the Detail section for an **Auto Inventory Adjustment** type product group.

This option allows the user to enter the Adjustment SUOM, Adjustment %, select the reason for the adjustment, and indicate whether the system must just update the SOH to zero.

Adjustment SUOM – Allows the user to enter the adjustment quantity in the standard UOM for an item to be considered for auto inventory adjustment.

Adjustment % - Allows the user to enter a percentage for the auto inventory adjustment calculation.

Reason – The system will display the relevant reason codes that has OUT to Available and vice versa dispositions. This will be the reason attached to the inventory adjustment.

Update to Zero - If this is checked, the system when running the batch process will update the SOH to zero irrespective of the current SOH. If this is checked, the system will disable the Adjustment SUOM and Adjustment % and if already entered, it will remove and discard.

Product Group Components (Auto Inventory Adjustment)

Components will be able to be selected by:

- Item
- Merchandise Hierarchy
- Supplier
- Style

- Item Basket

Product Group Schedule Batch

After creating the product group and attaching the components, the retailer will be able to schedule how often the inventory should be changed for this batch. Significantly reduced downtime due to fully automated deployment pipelines for all updates and patches.

Auto Inventory Adjustment Batch

- The Auto inventory adjustment batch is the process through which inventory is reduced/ increased over time by using automatic inventory adjustments.
- This functionality helps retailers to do automatic adjustment either to increment or decrement the available inventory for various reasons such as wastage for fresh produce which has a short shelf life.
- To maintain more accurate inventory values, this functionality provides users the ability to create product groups. Adjustment percentage or standard UOM amounts can be set up on the product group detail and assigned to individual items and/or the item hierarchy.
- A user can schedule the date when the auto adjustment batch process must run and when inventory adjustments are automatically made based upon the reason code and its corresponding disposition, and adjustment quantities set up on the product group.
- The system adjusts the inventory, and the adjustments will then be sent to the merchandising system.
- **Note:** SIOCS will not bring the Stock on hand negative.

2

Client System Requirements and SOCS Mobile Version Requirements

This chapter covers the Client System requirements and SOCS mobile version requirements for Oracle Retail Store Inventory Operations Cloud Services.

Client System Requirements



Note:

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

The following web browsers are supported:

- Mozilla Firefox
- Microsoft Edge
- Google Chrome (Desktop)

Microsoft has deprecated Internet Explorer 11 in Windows 10 and recommends using Edge as the default browser. Refer to the [Oracle Software Web Browser Support Policy](#) for additional information.

Store Operations Cloud Service (SOCS) Mobile Version Requirements

Mobile Application	Supported Version
Store Operations Cloud Service (SOCS)	22.1.201.0

The SOCS Mobile Application Archive (MAA) can be downloaded from [Oracle Software Delivery Cloud](#).

3

Deprecated Features

As part of the continuous delivery model for cloud services, features and technical components of a solution may be removed or replaced to enhance the security, performance, and overall quality of the cloud service. When this occurs, the deprecation of a feature or component will be announced in advance, allowing customers sufficient time to anticipate the change and transition to any enhanced replacement feature/component. After the deprecation is announced, the deprecated feature or component will remain in the solution until the planned removal date and will not be enhanced or made compatible with other new features.

For the full schedule of planned deprecations for this product, see the Deprecation Advisory accessed from the following MOS Documentation Library: Oracle Retail Store Inventory Operations Cloud Service Documentation Library at [Doc ID 2614551.1](#).