Oracle® Retail Store Inventory Management

Release Notes

Release 16.0.3

March 2020

Oracle Retail Store Inventory Management (SIM) Release 16.0.3 is a patch release for SIM 16.0. SIM 16.0.3 includes selected defect fixes, functional enhancements, and technical enhancements for SIM 16.0 code.

Oracle Customer Support investigates submitted issues assuming that all released updates have been applied. It is the customer's decision when to apply a new release; however, delays in applying updates can complicate the support process.

About Patch Releases

Oracle Retail patch releases are periodic releases that can include the following:

- New defect fixes

- Product enhancements

- Technology upgrades

- Performance fixes

Documentation for patch releases includes new and updated guides (for example, Operations Guides, User Guides, and so on) that apply to the patch release level. These documents include applicable updates made since the last patch release. Documents revised for this patch release supersede and replace all previous document versions. See "Related Documentation" for a list of the documents published for SIM 16.0.3.

> **Note:** Customers must apply the entire patch release to update their installation to the currently supported level.

Hardware and Software Requirements

See the *Oracle Retail Store Inventory Management Installation Guide*, Release 16.0.3 for information about the following:

- Hardware and software requirements

- Oracle Retail application software compatibility

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Applying Source Code

SIM 16.0.3 source code contains all the changes from all the patch releases for SIM 16.0. Patch releases are cumulative. There is no need to access source code from previous SIM 16.0 patch releases for fixes in those patch releases. You can apply all the fixes by applying the SIM 16.0.3 patch release. See "About Patch Releases."

Before applying the source files over your files:

- Note whether any modules have been customized. If so, the customizations must be reapplied to the new version of the module, or the fix may need to be applied to the custom version of the code.

- Copy the original files to a different directory before you copy over them, in case you need to refer to them at a later date.

Running Scripts

Back up data before running any script, because the scripts provided *do not* preserve data. Client customization to the base schema is not addressed by these scripts.

Check with your database administrator to determine whether your database should be analyzed after a script is run. In many cases, analysis of the database is necessary to take advantage of new or modified indexes intended to improve performance of the application.

Functional Enhancements

The following functional enhancements are included in Oracle Retail Store Inventory Management Release 16.0.3:

- SIM functionality has been enhanced to leverage the UIN functionality to handle multiple Unique Scan Numbers against a single item. Users will now be able to accurately identify the item when scanning or entering a non-primary serial number that references the UIN.

- A new Purge Item Location batch process has been introduced to purge data for specific item locations in delete status, without any impact to item-master records.

Technical Enhancements

This section addresses the technical enhancements included in Oracle Retail Store Inventory Management Release 16.0.3.

> **Note:** The list below announces the addition of Oracle Retail support for the technology described. See the Installation Guide requirements section for critical information, such as whether the enhancement below replaces previous versions or is supported in addition to already existing versions.

Database Support

Oracle Retail Store Inventory Management Release 16.0.3 is supported for use with the Oracle Database Server 19.3+.

Fusion Middleware Support

Oracle Retail Store Inventory Management Release 16.0.3 is supported for use with the following Fusion Middleware components:

- Oracle WebLogic Server 12.2.1.4

- Oracle Hyper Text Transfer Protocol Server 12.2.1.4

- Oracle Identity Manager 12.2.1.4

- Oracle Internet Directory 12.2.1.4

- Oracle Business Intelligence Publisher 12.2.1.4

Mobile Support

Oracle Retail Store Inventory Management Release 16.0.3 is supported for use with the following mobile components:

- Oracle Mobile Application Framework 2.6.1

- Apple iOS/Safari 13.x

- Android Operating System 9.x

Browser Support

Oracle Retail Store Inventory Management Release 16.0.3 is supported for use with the following browsers:

- Mozilla Firefox Extended Support Release 60+

- Google Chrome (Desktop) 73+

Integration Enhancements

Integration with Oracle Retail Order Management System and Oracle Retail Order Broker has been added. The additional features include:

- Changes to the fulfilment order uniqueness. Fulfillment orders will be held at the store/customer order/fulfillment order level instead of the current customer order/fulfilment order level to be consistent with Order Management Cloud Service.

- Defaulting of Store Type and Unit of Measure. If Store Type is not provided, SIM will validate that the Store Type is stockholding or it will silently drop the message. If UOM is not provided, SIM will assume it is the standard UOM.

- Publishing of a confirmation message when inventory has been reserved and the order is ready to be processed by SIM.

- The addition of a line item on all communication to and from the Oracle Omnichannel assets. Multi-line item support includes the ability for the PC/HH/Mobile UI to display the line item if the same item exists on the fulfilment order multiple times. For user clarity, line items are only displayed if the same item is listed multiple times on the same fulfilment order. Although the items are identical, this could be done for a variety of reasons including item customization and/or price variations. The following areas support multi-line:

  - Customer order

- Picking and reverse picking
- Delivery fulfillment
- All APIs leveraged by omnichannel

In this release, SIM also supports generally available integration with WMS Cloud (formerly known as Logfire) for all warehouse inventory transactions including shipments, receipts, and adjustments.

Defect Fixes and Documentation

A defect fix is a modification to the base Oracle Retail Store Inventory Management code (for example, a bug fix, a performance enhancement, a functional enhancement, or a technical enhancement). The file named DEFECT MODULE XREF SIM 16.0.3.xls lists every defect number and the modules and scripts that are added or modified in the release. The file is posted to My Oracle Support at the following location: Oracle Retail Defect Document Listings (Doc ID: 2021275.1).

Review the file carefully before applying this patch. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

Noteworthy Defect Fixes

The following noteworthy defect fixes are included in this release. The following is not a complete list. See **DEFECT MODULE XREF SIM 16.0.3.xls** for a complete list of the defect fixes for SIM 16.0.3.

Defect Number	Description
28658614	The InventoryExtract batch will not execute with store and date input parameters.
28862675	The stock count UPDATE_DATE_TIME is not updated in SIM in the case of multiple child stock counts.
28879204	RetailSaleAuditImport causes an incorrect reason code/inventory adjustment for late sales.
29006189	The VendorDelivery web service is not working when receiving ASN (DSD) with the UINs.
29011452	It is not possible to partially cancel a web order using the cancelFulfillmentOrder method.
29018280	The ReSA batch process takes a long time to process a day's files.
29212644	SIM transfer receives a misdirected container transfer not found error.
29651061	The stock count snapshot quantity is incorrectly updated in SIM.
29677994	The SIM handheld (HH) cannot complete a unit stock count.
29815388	The SIM Transfer Shipment report does not show all the items.
30264974	Void return is not updating inventory through the POSTransaction web service.
30366113	Incorrect data is being passed from SIM to Order Broker for customer orders.
30576054	Mapping of multiple unique IDs for the same UIN is not supported in SIM PHASE1.

Defect Number	Description
30730887	There is no batch program available to purge STORE_ITEM records in status D.
30757747	Mapping of multiple unique IDs to a single UIN with a single item is not supported in SIM PHASE2.

Related Documentation

For more information, see the following documents in the Oracle Retail Store Inventory Management Release 16.0.3 documentation set:

- *Oracle Retail Store Inventory Management Batch Operations Guide*

- *Oracle Retail Store Inventory Management Configuration Guide*

- *Oracle Retail Store Inventory Management Installation Guide*

- *Oracle Retail Store Inventory Management Integration Guide*

- *Oracle Retail Store Inventory Management MAF Installation Guide*

- *Oracle Retail Store Inventory Management Store User Guide*

- *Oracle Retail Store Inventory Management Data Model*

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
http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

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