

# Oracle® Retail Warehouse Management System

Release Notes

Release 13.2.4

March 2012

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Welcome to Oracle Retail Warehouse Management System (RWMS) Release 13.2.4. This release note contains information about functional enhancements, technical enhancements, and noteworthy fixed issues in this release.

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## Overview

Oracle Retail Warehouse Management System (RWMS) is an N-tier warehouse management system with a flexible and robust technical architecture. It has thin client support for any standard browser and can be accessed through the internet. RWMS supports both Radio Frequency (RF) terminals and GUI clients.

RWMS mainly helps to control the movement of products within a warehouse and complete the different value added services. It ensures that resources such as people, equipment, space, etc are utilized efficiently in the distribution process.

## About Patch Releases

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

- New defect fixes and product enhancements

- All of the defect fixes and enhancements that have been released through bundled hot fix releases since the last patch release.

Documentation for patch releases includes the following:

- New and updated guides (for example, operations and user guides) that apply to the patch release level. These documents include all updates made since the last patch release. See [Related Documentation](#) for a list of the documents published for RWMS 13.2.4.
- Defect reports for new fixes and enhancements for the patch release.
- Defect reports for all bundled hot fix releases since the last patch release.
- All document versions that were released with bundled hot fix releases.

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**Note:** Documentation is separated into folders that are identified by release numbers. Documents for bundled hot fix releases are provided again as a historical record of the changes made since the last patch release. Always refer to the most recent document versions that apply to the release level you have installed.

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See the *Oracle Retail Warehouse Management System Installation Guide* for Release 13.2.4 for instructions about how to apply the defect fixes and enhancements that you have not already applied.

## Hardware and Software Requirements

See the *Oracle Retail Warehouse Management System Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility information

## Applying Source Code

Before applying the 13.2.4 fixes included in the RWMS 13.2.4 release, make sure that:

- RWMS 13.2 has been installed.
- RWMS 13.2.3 patch has been applied.

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**Note:** To align release numbers with other Oracle Retail products, release numbers 13.2.1 and 13.2.2 were skipped.

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- RWMS 13.2.3.1 bundle has been applied.

Before applying the source files over your code:

- 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.

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**Note:**

- Two columns namely new\_item and quarantine are removed from PO\_DETAIL table. Verify if these columns have an impact on any code customizations done.
  - Before applying the patch for the BI reports, see the *Oracle Retail Warehouse Management System Installation Guide* for Release 13.2.4.
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- 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. See defect reports for details.

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 this release.

### Wave Status

RWMS allows closing of waves in 'Planned' or 'Printed' status from the Wave Status screen.

### Inventory Inquiry

Inventory Inquiry by Item and Inventory Inquiry by Location screens are modified to include the following new fields:

- Total Units
- Avail Units
- Distr Units

These fields display the corresponding totals of the inventory across all containers and forward picking locations and cannot be edited.

### Item Master Query

A new option Build Query is provided in the Item Master Editor screen which helps to build a query to search for an item. The query can be based on five different data fields of the Item Master. These data fields can manually selected to build the query. Full data value or wild cards can be used to search for an item.

## Warehouse Inventory

A better visibility to the warehouse inventory is provided. The RF Location Inquiry and Item Inquiry screens have options to display additional inventory information in the warehouse to the RF user.

## Security

RWMS now provides increased password protection. If an invalid password is used during login, the user gets locked after a few attempts. The number of attempts after which an account gets locked is set by the SCP parameter `max_invld_login_cnt`. The locked account can be reset by the system administrator.

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**Note:** Due to RWMS 13.2.4 installation, the passwords are reset to the respective User IDs.

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## Tare (T) Type ASN Receiving

T Type ASN pallets that are received can be moved directly to the shipping area (crossdock) for consumption. Since a T Type ASN pallet is received pre-labeled, there is no systematic breaking of the ASN pallet label into smaller unlabeled single SKU store pallets.

For flowthrough functionality, if any or the entire pallet can be consumed by Case Put To Store need, then the complete pallet is distributed to the Case Put To Store designation. If the total pallet is not consumed in the Case Put To Store grid, then the unused portion is returned to stock.

## WIP Codes for Flexible Pallet Receiving

The WIP codes: First Time SKU (FSTSKU), Pending First Time SKU (PFSKU), Quality Audit (QA) and Vendor Audit (VA) can be applied to cases and pallets during FPR receiving.

For Flexible Pallet Receiving at case level the FSTSKU WIP Code is applied to a single case. If Hold First Time SKU is set to Y, then the PFSKU WIP Code is applied to all remaining cases for that SKU on the appointment other than the FSTSKU case. If Hold First Time SKU is set to N, then the PFSKU WIP Code is not applied and the FSTSKU is applied to only one case.

For Flexible Pallet Receiving at pallet level the FSTSKU WIP Code is applied to a single pallet. If Hold First Time SKU is set to Y, then the PFSKU WIP Code is applied to all remaining pallets for that SKU on the appointment other than the FSTSKU pallet. If Hold First Time SKU is set to N, then the PFSKU WIP Code is not applied and the FSTSKU is applied to only one pallet.

When the RF WIP Processing screen processes the FSTSKU WIP Code the system immediately processes all PFSKU WIP Code containers for that item.

## Technical Enhancements

The following technical enhancements are included in this release.

### Process Table

The process names in the Process table are renamed. The following table specifies the old and the new names:

**Table 1 Process Table**

Old Name	New Name
CATCH WEIGHT ASN RECEIVING	ASN RECEIVING
CATCH WEIGHT NSC RECEIVING	NSC RECEIVING
CATCH WEIGHT RECEIVING	PO RECEIVING

CATCH WEIGHT BLIND RECEIVING process is removed, as Blind Receiving is now carried out through Flexible Pallet Receiving module, which is configured using FLEXIBLE PALLET RECEIVING process.

### Software Operating Environment Upgrades

The following are enhancements to the software operating environment options for RWMS 13.2.4:

- Oracle JRockit R28 (Java 6)  
RWMS Release 13.2.4 is supported for use with the Oracle JRockit R28 implementation of Java 6 for Oracle Linux and Oracle Solaris 64-bit operating systems.
- Oracle WebLogic Server 11g Release 1  
RWMS Release 13.2.4 is supported for use with Oracle WebLogic Server 11gR1 (10.3.4).
- Oracle Forms 11g Release 1  
RWMS Release 13.2.4 is supported for use with Oracle Forms 11gR1 (11.1.1.4).
- Oracle Internet Directory 11g Release 1  
RWMS Release 13.2.4 is supported for use with Oracle Internet Directory (OID) 11gR1 (11.1.1.5).

### Brazil Localization

The following enhancements are added to support the use of the Oracle Retail Warehouse Management System in Brazil.

### Appointments without Schedule Numbers

Appointments can be scheduled in RWMS before the Nota Fiscal (NF) document information is uploaded to Oracle Retail Fiscal Management (ORFM). The details for

appointments thus created without a schedule number are uploaded to Oracle Retail Merchandising System (RMS)/ORFM in the appointment header and detail files. The Distribution Center (DC), however cannot open an appointment or print any labels unless it has a schedule number included in the record.

## Defect Fixes and Documentation

A defect fix is a modification to the base Oracle Retail code (for example, a bug fix, a performance enhancement, or a functional enhancement). Each defect fix that is included in this patch has a corresponding defect report titled *<defect-number>.PDF* (for example, 1234567.PDF).

In the same folder, the file named DEFECT MODULE XREF RWMS 13.2.4.XLS lists every defect number and the modules and scripts that are included in the patch. Review each defect report carefully before implementing the defect fixes. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

## Noteworthy Fixed Issues

The following topics highlight:

- Noteworthy defect fixes and enhancements that are new for Release 13.2.4.
- Noteworthy defect fixes and enhancements for bundled hot fix release 13.2.3.1.

All defect fixes for release 13.2.3.1 are also included in Release 13.2.4 and can be applied through the installation of this patch release. See the Oracle Retail Warehouse Management System Installation Guide for Release 13.2.4 for instructions to apply the defect fixes and enhancements that you have not already applied.

The following are not complete lists. See DEFECT MODULE XREF RWMS 13.2.4.XLS for a complete list of defect fixes and enhancements included in this patch release and in bundled hot fix release since the last patch release.

## Release 13.2.4

The following are noteworthy defect fixes and enhancements that have not been released previously through a bundled hot fix release:

Defect	Description
13262605	Container_weight does not get updated after FPR appointment is received for the catch_weight item.
13481107	It is possible to Unit Pick before labels are printed.
13481864	Split container (in Inventory Edit by Container screen) allows decimal values.
13528876	When a bulk pick is short picked, a zero unit (unit_qty = 0) inventory adjustment is created.
13529617	The ItemWH Publisher shuts down due to RDMMFM_ITEMWH.GETNXT() returning "ORA-02315: incorrect number of arguments for default constructor" exception.
13561488	Cancelling a bulk pick does not redistribute the pick from container.
13741133	RWMS enhancements for Appointments/Receiving.

Defect	Description
13741318	RWMS enhancements for Distribution.
13741334	RWMS enhancements for Inventory Management.
13741354	RWMS enhancements for Foundation Data, Picking, Printing Labels and Reports, Processing, Put to Store.
13784976	The cycle count status column is not correctly updated back to NO after a successful cycle count.
13814316	After completing Forward Case Pick (generic labels), the P status container is not deleted, although the pick directive is deleted.

### Release 13.2.3.1

The following are noteworthy defect fixes and enhancements that were provided with RWMS 13.2.3.1 and are also included in RWMS 13.2.4. See DEFECT MODULE XREF RWMS 13.2.3.1.XLS for a complete list of RWMS 13.2.3.1 defect fixes.

Defect	Description
12982333	When a stock order has an earlier Pick Not After Date (PNAD)/In-Store Date, and the requested quantity is less than the Inner Pack quantity, the stock order is either over allocated or not selected for distribution.
13030228	A Flexible Pallet Receiving (FPR) for a Purchase Order (PO) with vendor as Unknown results in numeric error (ORA-06502).
13365654	Subscribing to Complex Sellable Item without a supplier results in 'Consume' error.
13376234	Objects must be synchronized with latest RIB payload.
13447635	Cycle counting a reserve location and confirming a quantity less than expected, creates inventory adjustment without the selected reason codes (reason_code and user_reason_code fields are published as Null).

### Known Issues

The following are known issues for RWMS 13.2.4:

- Item details are not displayed in Container WIP Details screen.
- Two extra records are created for cycle count in cycle\_count\_log table.

### Related Documentation

For more information, see the following document in the Oracle Retail Warehouse Management System Release 13.2.4 documentation set:

- *Oracle Retail Warehouse Management System Installation Guide*
- *Oracle Retail Warehouse Management System Implementation Guide*
- *Oracle Retail Warehouse Management System UI User Guide*
- *Oracle Retail Warehouse Management System RF User Guide*
- *Oracle Retail Warehouse Management System Operations Guide*
- *Oracle Retail Warehouse Management System Data Model*

## Supplemental Documentation

The following documents are available through My Oracle Support. Access My Oracle Support at the following URL:

<https://support.oracle.com>

### **Oracle Retail Integration Bus Integration Guide (Doc ID 1277421.1)**

The *Oracle Retail Integration Bus Integration Guide* is an HTML document that summarizes the Oracle Retail messaging integration by functional area. Each functional area (or message family) includes the publishing and subscribing application's components, message documents, and TAFR operations (if applicable).

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Oracle® Retail Warehouse Management System, Release 13.2.4

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