

# Oracle® Retail Warehouse Management System

Release Notes

Release 12.0.12

November 2012

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Welcome to Oracle Retail Warehouse Management System (RWMS) Release 12.0.12. 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 12.0.12.
- 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 12.0.12 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 12.0.12 fixes included in the RWMS 12.0.12 release, make sure that:

- RWMS 12.0 has been installed.
- RWMS 12.0.11 patch has been applied.
- RWMS bundles 12.0.11.1 through 12.0.11.7 have 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.
- 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.

## Technical Enhancements

This section addresses the technical enhancements included in Oracle Retail Warehouse Management System, Release 12.0.12.

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**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.

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### Oracle Forms Server 6i

The Oracle Forms Server 6i is upgraded for Oracle Retail Warehouse Management System Release 12.0.12 from 6.0.8.27.0 (patch set 18) to 6.0.8.28.0 (patch set 19).

### Oracle Java Runtime Environment 6

Oracle Retail Warehouse Management System Release 12.0.12 is supported for use with Oracle Java Runtime Environment 6 on client side.

### Microsoft Internet Explorer 8

Oracle Retail Warehouse Management System Release 12.0.12 is supported for use with Microsoft Internet Explorer 8.

## 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 12.0.12.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 Defect Fixes

The following topics highlight:

- Noteworthy defect fixes and enhancements that are new for Release 12.0.12.
- Noteworthy defect fixes and enhancements for bundled hot fix release 12.0.11.1 to 12.0.11.7.

All defect fixes for release 12.0.11.1 to 12.0.11.7 are also included in Release 12.0.12 and can be applied through the installation of this patch release. See the *Oracle Retail*

*Warehouse Management System Installation Guide* for Release 12.0.12 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 12.0.12.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 12.0.12

The following are noteworthy defect fixes and enhancements included with this release:

Defect	Description
13449985	An error message is displayed multiple times resulting in a DMS error when the value of Max Cube is entered as alpha or negative.
13464931	When a Purchase Order having EAN type items is received, the system does not prompt the UCC label to be scanned, but prompts the Best Before Date to be entered.
13483854	The BEST_BEFORE_DAT value in CONTAINER table is updated to Null when the user updates the container's dimensions using Measure Dimension screen.
13484839	Best Before Date field is auto populated in the Unload Check screen for non-EAN item if it is scanned after the receipt of an EAN item.
13511198	Additional inventory adjustments are created, while adjusting the Unit Quantity using the GUI Forward Pick Location Editor and the message 'Record has been updated by another user. Re-query to see change', is displayed at the bottom of the screen.
13517262	Re-assignment of an outbound container having catch weight item sets the ITEM_WEIGHT value in the CONTAINER_ITEM table to Null.
13838240	Pallet dimensions must consider the primary supplier when calculating a container weight.
13887474	If a non-EAN container is scanned after an EAN container, without exiting the screen, the non-EAN container has its Container Weight and Lot Number fields auto populated.
13953255	A DMS error occurs if a value greater than 999,999 is entered during the cycle count of a transport item.
14073417	Records are not created in ACTIVITY_BASED_COST table for picking activity.
14127383	Distribution occurs for orders requesting a quantity less than the defined inner pack of an item.
14150555	The PICK_TYPE field in the TRANSACTION_UPLOAD table does not get populated for BD pick type replenishments.
14308779	The Task Administration screen freezes for considerable amount of time before moving to the next task.
14311863	Performing a B pick updates the TRANSACTION_UPLOAD table for the pick process with Pallets = 0.
14753426	When processing a contained to Return to Vendor, the TO_DISPOSITION value in the INV_ADJUSTMENT_TO_UPLOAD table is not updated to Null.

## Release 12.0.11.7

The following are noteworthy defect fixes and enhancements that were provided with RWMS 12.0.11.7 and are also included in RWMS 12.0.12. See DEFECT MODULE XREF RWMS 12.0.11.7.XLS for a complete list of RWMS 12.0.11.7 defect fixes.

<b>Defect</b>	<b>Description</b>
12561823	During unit picking, if a container is processed as Full (F6), zero is entered as the remaining grabs and no additional picks for this container exist, the user is forced to enter a new pick for the container.
12572307	A Purchase Order (PO) item can be appointed on the same appointment causing pre-distribution inaccuracy.
12585668	During receiving, in the Unload Check screen, the TI/HI field allows entry of decimal values.
12589284	During Put to Store (PTS) processing, a transaction upload can be created with quantity greater than the outbound container.
12592159	Container ID field is set to Null after the message prompt is acknowledged during Non Specified Casepack (NSC) receiving.
12755243	Cycle counting a bulk pallet (decreasing the container quantity) that is associated to a bulk pick, causes inventory discrepancy during the picking process.
12823834	When the calculated container_height on the grandfather pallet is greater than the maximum allowed (9999), the system restricts the number of pallets which can be merged onto a grandfather pallet.
12834904	Splitting a container using Inventory Edit by Container screen allows entry of decimal values for the unit quantity field.
12945887	During receiving, the Best Before Date value is not captured from the EAN-128 code.
12995972	With TRANSFER_MESSAGE_FLAG set to N for all disposition changes on INVENTORY_DISPOSITION table, cycle counting of a container in T status populates ITEM_LOC_SOH.NON_SELLABLE_QTY in RMS and then it remains non-zero even after trouble code is removed in RWMS.

## Release 12.0.11.6

The following are noteworthy defect fixes and enhancements that were provided with RWMS 12.0.11.6 and are also included in RWMS 12.0.12. See DEFECT MODULE XREF RWMS 12.0.11.6.XLS for a complete list of RWMS 12.0.11.6 defect fixes.

<b>Defect</b>	<b>Description</b>
11774032	During the receiving process for NSC containers, if the container has mixed items, then the items are partially distributed.
11828107	When Advance Shipment Notice (ASN T type) message is subscribed for warehouse to warehouse transfers, multi distro container is not created to reflect what was actually shipped in that container.
11834875	ASN T type can be created with the RWMS application.
11908080	The Inbound quantity in pick_from_loc table becomes zero even if there are other picks for the item and location.
12332429	When the Best Before Date on a perishable item is modified through the ASN Container Item Entry screen, the value is not updated in the container table and the date entered is validated.

<b>Defect</b>	<b>Description</b>
12332794	During Print On Demand, when Pick Type= CF, if quantity of labels printed/scanned is less than the total number for that given pallet group, subsequent print on demand displays the quantity as zero.
12334704	ASN Appointment screen is slow when the appointment has more than 250 ASNs assigned.
12363516	Print On Demand does not open for Truck Mount application.
12533896	When splitting from an 'I' status container to a D status container, the alert message is not displayed until the F4 (Done) key is pressed. This validation must occur when To Container field is entered.
12406739	Unit quantity in the Item Container screen accepts negative value.

### **Release 12.0.11.5**

The following are noteworthy defect fixes and enhancements that were provided with RWMS 12.0.11.5 and are also included in RWMS 12.0.12. See DEFECT MODULE XREF RWMS 12.0.11.5.XLS for a complete list of RWMS 12.0.11.5 defect fixes.

<b>Defect</b>	<b>Description</b>
10648211	In Truck Mount Device version, after a replenishment is performed, the Suggested Quantity on the Putaway screen is displayed as 0.
10648850	When the Best Before Date is modified on the ASN Container Item Entry screen to a past date, the value becomes null.
11059716	During receiving process, Ti and Hi accept decimal values in the Unload Check screen.
10368009	During a Bulk Replenishment picking, when a Container Quantity which is less than the displayed quantity is entered, an inventory adjustment is created but the pick to container is not decreased.
10384154	The drop off location is not suggested for a container after picking. Also, for an order having three stores associated to the same item, when F5 (Full) key is pressed to enter the Drop Off screen, the system moves into an infinite loop.
10422814	During a CO replenishment, when Enter or Tab key is pressed to confirm a quantity, the system does not behave as expected.
10435568	The Calculated Duration field must be displayed more accurately.
10626050	Only the first 19 digits of a container id is displayed once F6 (Full) key is pressed after the location is confirmed.
10634475	During an Advance Shipment Notice (ASN) container item creation, the Unit Quantity field allows decimal values to be entered.
10638825	During an Non-Specified Casepack (NSC) receiving, Casepack and Container Quantity fields allow decimal values to be entered.
11708867	When the maximum number of pick to containers allowed on the container block is scanned and F6 (Full) key is pressed, the Forward Picking Location Unit and Distributed Quantities fields are updated incorrectly.
11777463	During a Put to Store (PTS) case picking, when an overage is found with the user having insufficient privileges to perform the overage, and the user does not exit the User/Approval screen, but an authorized user with sufficient privileges opens a new session to complete the process, a database block occurs for the authorized user and cannot exit the screen.

## Release 12.0.11.4

The following are noteworthy defect fixes and enhancements that were provided with RWMS 12.0.11.4 and are also included in RWMS 12.0.12. See DEFECT MODULE XREF RWMS 12.0.11.4.XLS for a complete list of RWMS 12.0.11.4 defect fixes.

Defect	Description
10361257	Cycle counting a container which is not located into a reserve location can be deleted if Enter key is not used.
10275537	Picking is not stopped if a container having case pick directives has Trouble Code applied causing incorrect dispositions to be published.
10275176	Building a master pallet if the container is not located causes wrong inventory adjustments.
10354124	During container replenishment picking, if Exit is pressed during the drop-off logic, additional items can then be added to the generic pallet, causing negative values.

## Release 12.0.11.3

The following are noteworthy defect fixes and enhancements that were provided with RWMS 12.0.11.3 and are also included in RWMS 12.0.12. See DEFECT MODULE XREF RWMS 12.0.11.3.XLS for a complete list of RWMS 12.0.11.3 defect fixes.

Defect	Description
10017860	Planned waves are not displayed in Manual Wave Review screen.
10029974	Running a query for a store generates labels only for that store and deletes the corresponding records of other stores from CONT_LABELS_TO_PRINT table.
10036147	Scanning the Container ID displays only 19 digits instead of 20 in the Container field.
10051991	While putting away a child label and providing the Adjustment Reason code, the Replenishment screen is displayed again with the same details but no processing takes place for the remaining child label.
10166598	Unable to confirm quantity during a forward case pick.
10177878	The non-standard pack in the forward unit location is not picked as the replenishment created to a unit pick location with a case is not a multiple of the inner pack quantity for the item.
10181988	The Best Before Date for perishable items is not validated while receiving.
10201851	A DMS error occurs by clicking on a blank row in the Unit Pick Zone Editor screen.

## Release 12.0.11.2

The following are noteworthy defect fixes and enhancements that were provided with RWMS 12.0.11.2 and are also included in RWMS 12.0.12. See DEFECT MODULE XREF RWMS 12.0.11.2.XLS for a complete list of RWMS 12.0.11.2 defect fixes.

Defect	Description
9676151	The final location ID of a container does not get updated with the system suggested Forward case Pick (FCP) location.

<b>Defect</b>	<b>Description</b>
9678936	During a Forward Case Pick, the system prompts a wrong message to the user when F5 (Full) is clicked.
9692827	The system deletes the container when user exits the Put To Store (PTS) screen after partially picking items from a container.
9708542	A container having an open Work In Progress (WIP) code is being distributed.
9789644	When partial picking is done for a container, the pick_directive records for the location on a wave is not deleted.
9835293	When the pick_per_picker at the FCP pick zone is defined as a value which is lesser than the value specified as the Radio Frequency (RF) Print Quantity.
9861579	The buyer pack complex item created in RMS does not flow to RWMS due to a RWMS Retail Integration Bus(RIB) error.
9866289	Purchase Order (PO) number on APPOINT CRE message sends NONE as the PO number for T type Advance Shipping Notice (ASN) appointment.
9949581	The Inbound_unit_qty must be set to 0 for the replenishment to be run again for the location.
9977437	The Putaway screen takes time to suggest the location.

### **Release 12.0.11.1**

The following are noteworthy defect fixes and enhancements that were provided with RWMS 12.0.11.1 and are also included in RWMS 12.0.12. See DEFECT MODULE XREF RWMS 12.0.11.1.XLS for a complete list of RWMS 12.0.11.1 defect fixes.

<b>Defect</b>	<b>Description</b>
9265935	During unit Put to Store (PTS) picking for a catch weight item, if the pick from container had hidden overage, the pick from container's weight does not get updated. The Pick to Container now has a Work In Progress (WIP) code applied for weighing the container prior to shipment.
9270940	The user is unable to use the Delete process in the Inventory Inquiry/Edit by Container screen, after a failed attempt to modify the container's item record.
9369119	Splitting a PTS container having multiple items and multiple distros raises a Mixed Casepack error.
9435656	When a container expires, there is no real-time inventory adjustment published to indicate the inventory is unavailable.
9541118	The F5 (Full) key does not work with Autoconfirm set to Y for Forward Case (CF) picking.
9552328	When applying trouble code to a container after applying a WIP code to it, the to_location_id and final_location_id is set to the location ID. The container could still be distributed after satisfying the trouble code, even if there was an open WIP against the container.
9712077	When the Best Before Date for a perishable item was given as today's date, the container details are not saved.

## Related Documentation

For more information, see the following document in the Oracle Retail Warehouse Management System Release 12.0.12 documentation set:

- *Oracle Retail Warehouse Management System Installation Guide*
- *Oracle Retail Warehouse Management System UI User Guide*
- *Oracle Retail Warehouse Management System RF User Guide*

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