

Oracle® Retail Price Management
Release Notes
Release 12.0.2

January 2007

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Preface

A Release Notes document can include some or all of the following sections, depending upon the release:

- Overview of the release
- Functional, technical, integration, and/or performance enhancements
- Assumptions
- Fixed and/or known issues/defects

Because of their brevity, Release Notes do not include chapters, appendices, or a table of contents.

Audience

Release Notes are a critical communication link between Oracle Retail and its retailer clients. There are four audiences in general for whom a Release Notes document is written:

- Retail clients who wish to understand the contents of this release.
- Integrators and implementation staff who have the overall responsibility for implementing Oracle Retail Price Management (RPM) into their enterprise.
- Business analysts who are looking for high-level functional information about this release.
- System analysts and system operation personnel who are looking for high-level functional and technical content related to this release.

Related Documents

For more information, see the following documents in the Oracle Retail Price Management Release 12.0.2 documentation set:

- Oracle Retail Price Management Installation Guide
- Oracle Retail Price Management Operations Guide
- Oracle Retail Price Management Data Model

Customer Support

- <https://metalink.oracle.com>

When contacting Customer Support, please provide:

- Product version and program/module name.
- Functional and technical description of the problem (include business impact).
- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Release Notes

Overview

This document describes the enhancements and major defect fixes that were made to this release of RPM.

Supported Oracle Retail Products

This version of RPM is compatible with the following Oracle Retail products:

- Oracle Retail Merchandising System (RMS) 12.0.2, including Oracle Retail Sales Audit (ReSA)
- Oracle Retail Allocation 12.0.2
- Oracle Retail Integration Bus (RIB) 12.0.1
- Oracle Retail Service Layer (RSL) 12.0.1
- Oracle Retail Data Warehouse (RDW) 12.0.1
- Oracle Retail Store Inventory Management (SIM) 11.1.1 (at a minimum)
- Oracle Retail Extract Transform and Load (RETL) 12.0
- Oracle Retail Security Manager (RSM) 12.0.1

Please review the enclosed Defect Documentation Spreadsheet promptly to determine the impact to your business operations. Customer Support investigates submitted issues assuming all release patches have been applied. While it is ultimately at the retailer's discretion as to when to apply patches, delays or lags in their application can complicate the support process.

Patch acceptance criteria should dictate the manner in which the patch is to be applied.

If no customizations need to be merged, the included archive encompasses all previous patches and is ready for deployment. If there are customizations additional steps need to be taken. Before installing RPM 12.0.2, confirm that RPM 12.0 and all following patches have been applied. See the RPM 12.0.2 patch documentation for detailed information on each fix.

Note Regarding RMS Compatibility

This patch contains the RPM 12.0.2 patchset release. Before you apply this patch:

- Check that the latest RMS patchset is installed. RMS 12.0 users should be current with the latest RMS 12.0.2 patchset.

Note: Oracle Retail does **not** test the Oracle Retail Price Management 12.0.2 release with any but the most current RMS versions. Retailers are free to run RPM 12.0.2 against versions of RMS that are not the most current, but must be aware that Oracle Retail Customer Support only addresses issues that can be created on the latest version of RPM 12.x running against the latest RMS 12.x version.

Running Scripts

Back up data before running any script. The provided scripts do **not** preserve data.

Please check with your database analyst (DBA) to determine whether your database should be analyzed after running a script. In many cases, an analysis of the database is necessary to take advantage of new /modified indexes intended to increase performance of the application.

Defect Documentation

A defect fix is a modification to base Oracle Retail code (for example, a bug fix, a performance enhancement, or a functional enhancement).

Fixed Issues and the DEFECT MODULE XREF RPM12.0.2.xls

Fixed issues have been forward ported into this version of RPM from the following versions of RPM:

- 11.0.8
- 11.0.8.1
- 11.0.8.2

To assist with the patch application process, there is a bug module cross-reference spreadsheet (DEFECT MODULE XREF RPM12.0.2.xls). For each bug, this spreadsheet lists RPM bug IDs for RPM 12.0 and RPM 11.0, identifies the forward port from RPM 11.0, and provides a description.

Performance Enhancements

Conflict Check Reengineering

This release of RPM includes a reengineering of the existing conflict checking logic. The major components of conflict checking in RPM are now performed by PL/SQL and are executed on the database server instead of the application server. This change has been made to address performance concerns around this functionality. This release includes a significant number of PL/SQL package files which need to be installed on the database.

Update to Price Change Search Screen

When users choose to maintain price changes in RPM, they are first presented with a Price Change Search workflow. This workflow is used to define the search parameters that are used to query for existing price changes. Once the parameters are defined, the user selects the search button and the price change search workflow is replaced with the Maintain Price Changes workflow. The Maintain Price Changes workflow is comprised of the Price Change List container and the Price Change Maintenance container. The price changes returned from the search parameters defined in the Price Change Search workflow populate a table located in the Price Change List container.

This change was made to the process of searching for price changes to increase performance of price change maintenance. An intermediate search results container has been introduced directly below the search parameter container. The current objects that are used to populate the Price Change List container in the Maintain Price Changes workflow are composite objects that take time to instantiate. By introducing an intermediate table with lightweight objects, the users of RPM are able to perform broad searches for price changes and then only retrieve the specific composite price change objects for the specific price changes that they want to modify.

The modified search functionality is active when a system option setting is enabled (described below). Otherwise, the traditional price change search is active.

These changes also apply to the Maintain Clearances workflow.

System Options → System Defaults Edit / View

A new default view option was added to the system defaults Edit /View screens. The option, 'Default Price Change/Clearance List View' was added with a drop down list. Two options exist in the drop down list:

- **Standard Column View**
Price changes / Clearances (Maintain and Create) screens will not display and calculate the markup columns in the price change / Clearance screens.
- **Markup Column View**
Price changes / Clearances (Maintain and Create) screens will display and calculate the markup columns in the price change / Clearance screens.

Update to Item LOV Search Processing

Oracle Retail removed the option to continue with an unfiltered item search. If no item ID or department information has been entered, users are informed that they cannot continue without entering an item ID or choosing a department. Previously the user was warned, but was able to continue with an unfiltered item search.

Synchronous Price Change and Clearance Processing

In synchronous mode, from the Maintain Price Change or Maintain Clearance screen, when the user is changing the state of multiple price events, processing all of them is done as a single unit of work. Previously, each price event would be saved to the database and transitioned to its new state independently of the other price events. The implications of this change are that if one price event fails conflict checking, none of the price events will be moved to their new states.

Popup for Asynchronous Processing Changed

In asynchronous mode, from the Maintain Price Change or Maintain Clearance screen, when users are changing the state of one or more price events, the dialog that is displayed informing users that their tasks have been submitted for processing has been changed. Previously, the dialog was shown immediately after the user clicked the Update button, but potentially before the tasks actually were submitted. Now, the screen is frozen until the tasks have actually been submitted, after which the dialog is shown and the screen becomes functional again.

Additional Notes

Are Patches Cumulative or Incremental?

The Oracle Retail Price Management 12.0.1 patchset contains the complete 12.0 RPM Java application. Database scripts and programs are incremental from patchset to patchset.

Managing Fixes Received Between the Quarterly Patchset

Due to the tight coupling of code in Oracle Retail Price Management 12.x, retailers must make sure to have the most recent patch at the time they apply a fix to a defect they report. In most cases, it is **not** feasible to identify a specific fix from a patch release and apply that fix to a previous release.

Known Issues

- When the user attempts to edit a promotion that was created and approved with the start date that is the same as the vdate, the End Date field should be enabled. However, it is not enabled.
- The store on hand (OH) inventory amount is not populating the maintain clearance apply block when maintaining an approved clearance.
- When attempting to submit a worksheet that was generated by a clearance strategy, users can get an error if there was a mix of “take” and “don’t take”.
- There are system options for the filtering of price changes and clearances that are not being used.
- Price Change search results might return and then error for “singlerow query returns more than one row by program unit”.
- When attempting to approve a promotion with a conflict, the user might see an error such as “temp table already in use”.