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Oracle® Retail Price Management
Release Notes
Release 12.0.1

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Oracle® Retail Price Management Release Notes, Release 12.0.1

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 12.0.1 documentation set:

- Oracle Retail Price Management Installation Guide
- Oracle Retail Price Management online help and User 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

Oracle Retail Price Management (RPM) is a pricing and promotions execution system. RPM's functionality includes the definition, maintenance, and review of price changes, clearances and promotions. The system's capabilities range from simple item price changes at a single location to complex buy/get promotions across zones.

RPM pricing events are defined against the zone structure. The zone structure represents groups of locations organized to support a retailers pricing strategy. RPM allows the user to break out of the zone structure and create location level events as needed.

RPM supports the definition and application of price guides to these pricing events. Price guides allow the retailer to smooth retails and provide ends in logic to derive a final consumer price.

The system also supports area differential pricing strategies for regular retail price changes. This functionality allows a retailer to define pricing relationships that ease pricing maintenance across the organization.

Supported Oracle Retail Products

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

- Oracle Retail Merchandising System (RMS) 12.0.1, including Oracle Retail Sales Audit (ReSA)
- Oracle Retail Allocation 12.0.1
- Oracle Retail Integration Bus (RIB) 12.0.1
- Oracle Retail Service Layer (RSL) 12.0
- Oracle Retail Data Warehouse (RDW) 12.0.1
- Oracle Retail Store Inventory Management (SIM) 11.1.1
- 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 client'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 12.0.1, confirm that RPM 12.0 and all following patches have been applied. See the RPM 12.0.1 patch documentation for detailed information on each fix.

The Oracle RPM 12.0.1 patchset contains modifications since Oracle RPM 12.0. For detailed information on what is included regarding software fixes in this patch release, refer to the Oracle Retail Price Management 12.0.1 patchset documentation located in the doc folder.

Note Regarding RMS Compatibility

This patch contains the RPM 12.0.1 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 12.0.1 patchset.

> **Note:** Oracle Retail does **not** test the Oracle Retail Price Management 12.0.1 release with any but the most current RMS versions. Retailers are free to run Oracle RPM 12.0.1 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 Oracle Retail Price Management 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. See the defect documentation for details.

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 RPM 12.0.1.xls

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

- 11.0.6
- 11.0.7
- 11.0.7.1
- 11.0.7.2
- 11.0.7.3
- 11.0.7.4

To assist with the patch application process, there is a bug module cross-reference spreadsheet (DEFECT MODULE XREF RPM12.0.1.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.

Technical Enhancements

Internationalization

The application is now translated into the Russian language (in addition to the languages already available in RPM).

Functional Enhancements

This section includes a summary of functional enhancements. For more details, please refer to the latest RPM User Guide.

Copy Promotions

Frequently, retailers (particularly grocers) repeat the same item/location combinations on promotions on a 3-4 week rotating basis. One of the only variables can be the price. To support the ability to copy a promotion component into new promotions, functionality was added to RPM. Whenever users can add a component to a promotion, they are able to add a component by copying an existing component.

Subclass Clearance Defaults

The functionality to specify each markdown, the target sell thru %, days between markdowns, and a reset date when the clearance price should be reset to the regular retail did not exist in RPM 11, but is now available in this version of RPM. Instead of being limited to the class level, the level is at the subclass level. Previously, functionality did not consider any merchandise level defaults that allow the user to set up one markdown and have all subsequent markdowns generated by the system. A new pricing strategy type called "Clearance Defaults" was added to the strategy maintenance type field. A new Clearance Default Create and Clearance Default Maintain workflow were also created to allow the user to specify clearance defaults. Pricing Worksheets are not generated for this new type of pricing strategy.

Mark Down Stock Visibility

The clearance create and maintain dialogs have been modified so that the clearance detail pane includes columns for the following:

- Store stock on hand
- Store on order
- Store total inventory
- Warehouse on hand
- Warehouse on order
- Warehouse total inventory
- Total on hand
- Total on order
- Total inventory

The regular price change create and maintain dialogs have been modified so that the price change detail pane includes columns for the following:

- Store stock on hand
- Store on order
- Store total inventory
- Warehouse on hand
- Warehouse on order
- Warehouse total inventory
- Total on hand
- Total on order
- Total inventory

Market Basket Code Maintain Margin

RPM now assigns and stores market basket codes against an item/zone. The user can set up two market basket codes per item/zone. One is used with the competitive pricing strategy, and the other is used with the new maintain margin pricing strategy.

Link Code Maintenance Performance Improvement

In RPM 11, when the user accesses Maintain Link Codes from the task pad, there can be a lengthy delay before the data is retrieved, depending on the amount of data involved. To improve this performance, a search dialog precedes the entrance to the maintain link code dialog.

Rounding Calculation Changes

In previous versions of RPM, the application has used standard mathematical logic for handling rounding in the application (that is, <0.5 round down, >0.5 round up). In this release of RPM, this approach has been modified to round such that retail value calculations involving discount values always propose a new retail rounded down. In general, rounding is also dependent on the currency and the number of decimal places that are set up for that currency.

This modification has been made to ensure that customers always get the full discount that has been advertised as part of the price event created in RPM.

Known Issues

Bugs that have been Fixed in Previous Versions but have not yet been Forward Ported

The following were **not** forward ported, but they have been fixed in previous versions. Note that development is actively working to include these fixes in a 12.x release.

Bug 5217739: This issue involves having an RPM_FUTURE_COST table instead of a view. This table is populated/updated during nightly batch job after RMS's FUTURE_COST update batch job.

Bug 5261383: The system does **not** show error message while creating a Link Code with an item and a location that does not belongs to the item. Also, the title of the link code creation has an incorrect header name.

Bug 4949230: The regular_unit_retail value on the ITEM_LOC table also gets updated for a clearance price change that is approved.

Bug 5414250: An error occurs when the user attempts to modify a start date on an active promotion.

Bug 5460416: There is an invalid start date on the Promo Buy/Get Component.

Bugs that have not yet been Fixed in Previous Versions

The following defects are known issues in RPM 11.x, and development is actively working to resolve these issues and to forward port them into RPM 12.x.

Internal Defect Number 125: A promotion continues after the end date on the RPM_FUTURE_RETAIL promo retail.

Internal Defect Number Defect 148: An invalid date range message is received when the user attempts to edit an active promotion component.

Internal Defect Number Defect 571: When a promotion with two components for the same item/loc is created, the second component is applied on the reset date timeline on RPM_FUTURE_RETAIL.

Bugs Involving Currency Calculations

The following defects are related to a discrepancy between how RMS and RPM process decimal precision for calculations involving currencies.

Note that the issues below are only a concern when a currency is set to have a precision of more than 2 decimal places on the RMS CURRENCIES table. RPM only handles calculations using International Organization for Standardization (ISO) defined standard currency precisions. The precision for all currencies in the version of Java currently used in RPM is set to 2. Items that are sold with extended decimal precisions are impacted by this limitation if they are priced in RPM.

Internal Defect Number 134: The rounding rule is not applying properly for EURO currency promotions.

Internal Defect Number 135: The rounding rule is not applying properly for Great Britain pound (GBP) currency promotions.

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.