

Oracle® Retail Price Management

Release Notes

Release 13.2.4

March 2012

Oracle Retail Price Management (RPM) Release 13.2.4 is a patch release for RPM 13.2. RPM 13.2.4 includes selected defect fixes and enhancements for RPM 13.2 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 and product enhancements
- All of the defect fixes and enhancements that have been released through bundled hot fix releases since the last patch release

Note: Customers can choose whether to apply bundled hot fix releases, or wait for the next patch release. You must apply this patch release to upgrade your installation to the currently supported level:

- Customers who have applied all bundled hot fix releases must apply all new defect fixes and enhancements included in the patch release.
 - Customers who have not applied bundled hot fix releases can instead apply the patch release, which also includes the fixes and enhancements from the bundled hot fix releases.
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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 RPM 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.

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.

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

- Hardware and software requirements
- Oracle Retail application software compatibility

Applying the Patch Release

Before applying the RPM 13.2.4 patch release, be sure that:

- RPM 13.2 has been installed
- The RPM 13.2.3 patch release has been applied

Note: To align release numbers with other Oracle Retail products, release numbers 13.2.1 and 13.2.2 were skipped. Release 13.2.3 is the only previous patch for RPM 13.2.

Before applying the patch release 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. 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 are functional enhancements for Oracle Retail Price Management Release 13.2.4.

Time-Based Promotions

Retailers need the ability to set up time-based promotions, such as "happy hour" and "door-buster" promotions. Previous releases of RPM allowed users to enter time (in hours:minutes) as part of the start and end dates when setting up or maintaining promotions; however, this information was not made part of the timelines stored in the future retail tables. Business validations such as conflict checking do not consider the time element. This information also needs to be sent to other systems such as Oracle Retail Store Inventory Management (SIM) and Oracle Retail Point-of-Service (ORPOS).

To support this functionality, you can enter the start and end time for the following promotions when adding component-level detail:

- Simple promotions
- Threshold promotions
- Multi-buy promotions

You can also load time-based promotions using the price injector batch. This functionality is supported for simple promotions only.

Technical Enhancements

The following are technical enhancements for Oracle Retail Price Management Release 13.2.4.

Future Retail Enhancements

The future retail tables are the most important tables within RPM. All price event activities need to access and update the future retail tables. Previous releases of RPM are designed to hold future retail data at the transaction item/location level only.

Most retailers do their pricing above the item/location Level (parent level, zone level, or parent/zone level). The structure of these tables in previous releases requires that retailers have unnecessarily large future retail tables and longer conflict checking processing time.

With this enhancement, the data in the future retail tables can be held at higher levels wherever possible, which can enhance application performance.

The overall scope of this enhancement includes the following:

- Retain future retail information at levels above transaction item and location, so that this information can be leveraged by the retailer when creating price events at higher levels. Users can still create price events at the same merchandise hierarchy and location hierarchy levels as they have previously.
- The Conflict Review List screen displays the price event at the level of the timeline where the conflict occurred, that is, potentially higher than transaction item and location level.

- A new roll-up batch is being introduced to ensure that the system holds future retail data at the highest level possible. This batch looks at lower-level timelines and attempts to roll up to a higher level where timelines match exactly between lower levels and higher levels
- A new batch is being introduced to handle a change to a merchandise hierarchy's primary zone group (PZG) definition. This batch explodes all existing timelines in the future retail tables to the transaction item and location level, then uses conversion logic described in the following, followed by roll-up logic described in the preceding.
- Future retail conversion logic is included to enable customers to upgrade from previous RPM 13.2 release levels to this release. A new conversion batch is provided. The data in the future retail tables will be available in transaction item/location level even after executing this conversion logic successfully. This conversion process uses existing transaction item and location data to generate the following:
 - Parent-zone timelines for item with parent and location, which is part of the primary zone group for the associated merchandise hierarchy.
 - Item-zone timelines where the item does not have a parent and the location is part of the primary zone group for the associated merchandise hierarchy.
 - Parent-location timelines where the item has a parent. These timelines are generated regardless of whether the location belongs to the primary zone group for the associated merchandise hierarchy.
 - Parent/Diff-zone timelines where the item is part of diff_1 of the parent item and the location is part of the primary zone group for the associated merchandise hierarchy
 - Parent/Diff-location timelines where the item is part of diff_1 of the parent item. These timelines are generated regardless of whether the location belongs to the primary zone group for the associated merchandise hierarchy.

Software Operating Environment Upgrades

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

- Oracle JRockit R28 (Java 6)
RPM 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
RPM Release 13.2.4 is supported for use with Oracle WebLogic Server 11gR1 (10.3.4).
- Oracle Internet Directory 11g Release 1
RPM Release 13.2.4 is supported for use with Oracle Internet Directory (OID) 11gR1 (11.1.1.5).

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 release has a corresponding defect report titled *<defect-number>.PDF* (for example, 12345678.PDF).

The file **DEFECT MODULE XREF RPM 13.2.4.XLS** lists the new defect fixes for Release 13.2.4.

Review each defect report carefully before implementing the defect fixes. 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 13.2.4
- Noteworthy defect fixes and enhancements for bundled hot fix release RPM 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 Price Management 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 the cross-reference spreadsheets and defect reports included with this release for complete lists and full details.

Release 13.2.4

The following are noteworthy defect fixes that have not been released previously through a bundled hot fix release. See **DEFECT MODULE XREF RPM 13.2.4.XLS** for a complete list of defect fixes and enhancements for RPM 13.2.4.

Defect Number	Summary
13497862	When a percent-off price change is created, the resulting records in the RPM_ZONE_FUTURE_RETAIL table have a NULL SELLING_RETAIL value, which is incorrect and in turn causes problems with the RPM PriceEventExecution batches.
13516872	A fixed-price change by item list/zone causes incorrect conflicts.

Release 13.2.3.1

The following are noteworthy defect fixes and enhancements that were provided in the RPM 13.2.3.1 release. These are also included in the RPM 13.2.4 patch. See **DEFECT MODULE XREF RPM 13.2.3.1.XLS** for a complete list of RPM 13.2.3.1 defect fixes.

Defect Number	Summary
12751596	The system allows the user to delete an Area Differential Strategy referenced by an Active Worksheet.
12930297	Reason description for price changes is not displayed on the Price and Margin History screen.
13104895	The MerchExtractKickOffBatch job aborts, and an error message is issued.

Related Documentation

For more information, see the following documents in the Oracle Retail Price Management Release 13.2.4 documentation set:

- *Oracle Retail Price Management Data Model*
- *Oracle Retail Price Management Installation Guide*
- *Oracle Retail Price Management Operations Guide*
- *Oracle Retail Price Management User Guide* and online help
- *Oracle Retail Merchandising Batch Schedule*
- *Oracle Retail Merchandising Implementation Guide*
- *Oracle Retail POS Suite 13.4.1/Merchandising Operations Management 13.2.4 Implementation Guide*

Supplemental Documentation at My Oracle Support

The following document is available on the My Oracle Support Web site. Access My Oracle Support at the following URL:

<https://support.oracle.com>

RIB Integration Guide (ID 1277421.1)

The RIB 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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Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

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(ii) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Mobile Store Inventory Management.

(iii) the software component known as **Access Via™** licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.

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