

Oracle® Retail Price Management

Release Notes

Release 13.1.5 (Replacement)

January 2012

Note: Oracle Retail Price Management (RPM) Release 13.1.5 (Replacement) is a repackaging of the original RPM 13.1.5 release of December 2011. There are no software changes. This patch release was repackaged to include a defect report (11854699) that was inadvertently omitted from the original release package.

If you have already installed RPM 13.1.5 from the original release package, you do not need to reinstall or make any changes.

Oracle Retail Price Management (RPM) Release 13.1.5 is a patch release for RPM 13.1. RPM 13.1.5 includes selected defect fixes and enhancements for RPM 13.1 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 13.1.5.
- 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 13.1.5 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 13.1.5 patch release, be sure that:

- RPM 13.1 has been installed
- Patch releases RPM 13.1.1 through RPM 13.1.4 have been applied

If you have applied RPM bundled hot fix releases 13.1.4.1 through 13.1.4.4, you can apply just the new fixes and enhancements. If you have not applied any bundled hot fix releases, you can apply all fixes and enhancements by applying the RPM 13.1.5 patch release. See "[About Patch Releases](#)."

Before applying the new 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

The following technical enhancements are included in Oracle Retail Price Management Release 13.1.5.

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 13.1 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.

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 13.1.5.XLS** lists the new defect fixes for Release 13.1.5.

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 13.1.5
- Noteworthy defect fixes and enhancements for bundled hot fix releases RPM 13.1.4.1 through 13.1.4.4

All defect fixes for releases 13.1.4.1 through 13.1.4.4 are also included in Release 13.1.5 and can be applied through the installation of this patch release. See the *Oracle Retail Price Management Installation Guide* for Release 13.1.5 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 13.1.5

The following are noteworthy defect fixes that have not been released previously through a bundled hot fix release. See **DEFECT MODULE XREF RPM 13.1.5.XLS** for a complete list of defect fixes and enhancements for RPM 13.1.5.

Defect Number	Summary
11854699	ER: Future retail tables in RPM need to maintain timelines above item/location level.
13019158	The user cannot close the review period setup calendar description window.
13055699	Exclusions are not generated for items belonging to an item list if the item list contains items that are not ranged to a location..
13071520	In the worksheet details for a clearance strategy, items are marked as meeting the candidate rule inclusion, even if those items meet only some of the inclusion criteria.
13107846	The user cannot change the end date of a promotion component if any other component is already set to complete.
13115324	The worksheet shows an incorrect cost for an item.

Release 13.1.4.4

The following are noteworthy defect fixes and enhancements that were provided in the RPM 13.1.4.4 release. These are also included in the RPM 13.1.5 patch. See **DEFECT MODULE XREF RPM 13.1.4.4.XLS** for a complete list of RPM 13.1.4.4 defect fixes.

Defect Number	Summary
12760581	When clearance reset is attempted at the parent-diff and zone level, reset records are not updated in the RPM_CLEARANCE table.
12761096	Non emergency users can cancel active promotions (such as Multi-Buy promotions), even when the RPM_PROCESSING_DAYS is more than 1.
12777513	Performance issue while creating promotion at department level with multiple stores.
12830205	It is not possible to set up an Area Differentials strategy because RPM does not allow the user to create price guides in secondary areas where currencies differ from the primary area.
12840498	RPM_BATCH.SH NEWITEMLOCBATCH performance issues.
12874340	For RPM Change Type, reset POS price sends future regular retail rather current active retail.
12880868	When running InjectorPriceEvent batch, a price change record fails (with "INVALID_CHANGE_AMOUNT_FIXED_PRICE") while creating a price change, where Change Type = Fixed Price and Change Amount = \$0.
12901880	User cannot update promotion Multi-Buy or Finance component description when the promotion is still in worksheet status.
12912215	While attempting a Location Move, an exclusion price change is created for the Zone Level Price Change if both activities occur on the same day and the item price differs between the two zones from which—and to which—the location moves. As a result, the zone level price change is not applied to all locations in the zone.

Defect Number	Summary
12929596	When creating a price change where RPM_CODES.CODE_ID is more than 99, REASON is null for the item\location record in the PRICE_HIST table.
12933378	When using the Create Clearance Reset Workflow, RPM_CLEARANCE_PAYLOAD records are added to the RPM_PRICE_EVENT_PAYLOAD table with TRANSACTION_ID = 0.
12956239	Performance issue with conflict checking procedures for simple price change task.
12967221	When applying an item-zone level promotion component, where Net Stock on Hand = 0, a divisor by zero (ORA:01476) error is issued.
12971862	In the Maintain Link Codes screen, when the user clicks Save + Repeat , the Create Link Codes screen is displayed.
13003557	Performance issue when creating a clearance price change.

Release 13.1.4.3

The following are noteworthy defect fixes and enhancements that were provided in the RPM 13.1.4.3 release. These are also included in the RPM 13.1.5 patch. See **DEFECT MODULE XREF RPM 13.1.4.3.XLS** for a complete list of RPM 13.1.4.3 defect fixes.

Defect Number	Summary
12378730	While uploading the POSU file to RMS from ReSA, the PROMO_HIST is not used in validation.
12591251	When items are associated with link codes and competitor pricing strategy generates worksheet status, all items in the link code are not displayed on the RPM screen, even if they were processed by the merchExtractKickOffBatch and are in the Worksheet database table, RPM_WORKSHEET_DATA.
12343728	The promotion component description cannot be updated when the promotion is still in Worksheet status.
12359618	Changing an active promotion end date at the department level takes about five hours to complete, although it should take only minutes.
12407677	Performance problems with RPM Worksheet Load, Save, and Conflict Checking.
12411876	In the purgePayloadsBatch.sh script, the LOGPATH variable is not checked, regardless of whether a value exists.
12575438	When a new store is created using the "like store" feature, active promotions are not inherited from the like store; rather, future promotions and promotions created on VDATE are inherited.
12687973	When itemLocDeleteBatch.sh is run during the nightly batch run, promotions without components are deleted.

Release 13.1.4.2

The following are noteworthy defect fixes and enhancements that were provided in the RPM 13.1.4.2 release. These are also included in the RPM 13.1.5 patch. See **DEFECT MODULE XREF RPM 13.1.4.2.XLS** for a complete list of RPM 13.1.4.2 defect fixes.

Defect Number	Summary
11841915	PriceEventExecution batch runs slow with lock contention.
11844971	PriceEventExecution batch runs slowly, and it takes a long time to analyze requirements.
11851186	RPM Clearance and Price Change search item runs slowly.
11851251	RPM Price Injector performance issue.
11896363	On the RPM worksheet, the exclamation point is not shown for conflicting lines after executing Submit Action.
12334575	When Apply is clicked on the Maintain Clearance screen, it takes several minutes for changes to be applied.
12340014	Reset Date is not appearing on the Maintain Clearance screen after editing the clearance and adding a reset date, even though the Reset Date is in the rpm_clearance table.
12366815	When an active promotion is cancelled, the cancellation runs on one thread and takes a long time.

Release 13.1.4.1

The following are noteworthy defect fixes and enhancements that were provided in the RPM 13.1.4.1 release. These are also included in the RPM 13.1.5 patch. See **DEFECT MODULE XREF RPM13.1.4.1.XLS** for a complete list of RPM 13.1.4.1 defect fixes.

Defect Number	Summary
11071753	When attempting to create a "Fixed Price" price change for an item with alphabetic characters, without specifying UOM, the following exception appears: "null: Error ORA-01722: invalid number returned by program unit RPM_UOM_VALIDATION_SQL.SAME_SELLING_UOM."
11658380	While maintaining a multi-buy promotion, if the reward list is deleted, the promotion can still be approved.
11668396	When a promotion is modified (for example, changing the End Date) in the Store Inventory Management (SIM) system, the change is not sent to RPM.
11686143	When creating a new item with multiple item price, the price multiple does not appear in Price Inquiry or RPM Future Retail.
11705276	Submitting promotions in RPM presents performance issues.
11719368	When attempting to create a Promotion in Store Inventory Management (SIM), the following error is issued: <problem>[Ref<PromotionImpl#151>, name, This field has too many characters. Maximum: 40]</problem>
11799534	When RPM batch jobs run, the RPM database user name and password are displayed.
11801952	For complex promotions, RPM allows multiple customer segment promotions.

Defect Number	Summary
11804620	When attempting to change the "Price Change Indicator" to Take from Worksheet Details with a view without a State column, the main worksheet status is not updated to "In Progress."
11817989	When approving a Multi-Buy fixed price promotion with a customer type specified for a zone group with two zones, a conflict message is issued and the promotion status remains "Worksheet."
11826510	When the user clicks UDA hyperlink at the RPM worksheet, UDAs are shown in random order.
11831831	Executing the injectorPriceEventBatch for one price change presents performance issues.

Related Documentation

For more information, see the following documents in the Oracle Retail Price Management Release 13.1.5 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*

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Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

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