

Oracle® Retail Price Management
Release Notes
Release 12.0.6

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- (ii) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.
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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 performance enhancements
- Assumptions
- Fixed defects
- Known issues

Audience

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

- Retail clients who want to understand the contents of this release
- Staff who have the overall responsibility for implementing Oracle Retail Price Management in their enterprise
- Business analysts who want high-level functional information about this release
- System analysts and system operation personnel who want 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 12.0.6 documentation set:

- Oracle Retail Merchandising Batch Schedule
- Oracle Retail Price Management Data Model
- Oracle Retail Price Management Installation Guide
- Oracle Retail Price Management Operations Guide
- Oracle Retail Price Management Online Help
- Oracle Retail Price Management User Guide

Customer Support

<https://metalink.oracle.com>

When contacting Customer Support, please provide the following:

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

Review Patch Documentation

For a base release (".0" release, such as 12.0), Oracle Retail strongly recommends that you read all patch documentation before you begin installation procedures. Patch documentation can contain critical information related to the base release, based on new information and code changes that have been made since the base release.

Oracle Retail Documentation on the Oracle Technology Network

In addition to being packaged with each product release (on the base or patch level), all Oracle Retail documentation is available on the following Web site:

http://www.oracle.com/technology/documentation/oracle_retail.html

Documentation should be available on this Web site within a month after a product release. Note that documentation is always available with the packaged code on the release date.

Conventions

Navigate: This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

Note: This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

This is a code sample
It is used to display examples of code

[A hyperlink appears like this.](#)

Release Notes

Overview

This document describes changes to Oracle Retail Price Management (RPM) since the RPM 12.0.5 release.

Applying Source Code

Before applying the patch 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.

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). The file named DEFECT MODULE XREF RPM 12.0.6.XLS lists every defect number and the modules and scripts that are included in the patch. Review this document carefully before this patch is implemented. Please note that scripts *do not* preserve data. Make sure that all data is backed up before you run any script.

Integration with Oracle Retail Strategic Store Solutions

As of version 12.0.5, RPM is integrated with Oracle Retail Strategic Store Solutions ("Stores"). Since the 12.0.5 release, changes have been made to RPM to better support this integration. The following are noteworthy changes:

- Previously, BuyGet promotions with a Buy Type = 'All' were excluded. This has been changed, and all BuyGet promotions (ALL and ANY types) are sent to Stores applications in the XML file.
- The ordering of the XML file was changed to ensure that clearance records are always ordered after price change records. Because price changes and clearances share the same XML record type, this ensures that, if an item has a price change and is also on clearance on the same day, the clearance price is ordered last on the file, so that would be the last update (or most current) Stores makes for the item.
- For performance reasons, changes were made to the multithreading of the export batches. The previous framework processed the batch in multiple threads, but each thread was executed sequentially. This has been changed so that multiple threads can be executed in the background at the same time. The actual number of threads that the batch can process depends on the hardware/processor configuration of the server on which they run.

Conflict Checking

RPM 12.0.6 contains significant enhancements and changes related to conflict checking. See the *Oracle Retail Price Management Operations Guide* for information about RPM conflict checking.

Batch Design Updates

See the *Oracle Retail Price Management Operations Guide* for information about updates to the following batch programs:

- NewItemLocBatch
- LocationMoveBatch
- PriceChangeAreaDifferentialBatch
- WorksheetAutoApproveBatch
- InjectorPriceEventBatch
- MerchExtractKickOffBatch

New Batch Programs

RPM 12.0.6 includes two batch programs added since RPM 12.0.5:

- `purgeBulkConflictCheckArtifacts.sh`

This batch program cleans up the working tables used by the RPM bulk conflict checking engine. In normal conditions, these tables should be deleted at the end of the bulk conflict checking process. If there is any environment issue, there could be some records left in these tables.

Run this batch job at the end of your batch window, to make sure that you have clean working tables for bulk conflict checking for the next day that users are using the application. Too many records left in these tables could degrade the performance of bulk conflict checking.

- `TaskPurgeBatch`

The `TaskPurgeBatch` program purges entries related to location move, conflict check, bulk conflict check and worksheet conflict check tables.

See the *Oracle Retail Price Management Operations Guide* for more information about these batch programs.

Notable Defect Fixes

The following are noteworthy defect fixes since RPM 12.0.5.

Defect Number	Summary
6394700	When you create an area differential pricing strategy, choosing two price zones in the Area Differential Strategy Details window, the following error message appears after you click Done: "Price Strategy overlaps existing Price Strategy. This Pricing Strategy will be cancelled and the task will close." If you create the same pricing strategy choosing only one price zone (no matter which one), however, the strategy is created without an error. This only happens when a margin strategy exists for the zone group, regardless of the department.

Defect Number	Summary
6442451	After a price change is approved in RPM, those created at the zone level remain in the RPM_PRICE_CHG_PAYLOAD and are not published to RMS or SIM. The following error appears in the log: "Message nodes are not of the same family; PRMPRCCHG/REGPRCCHG."
6454523	A price event that the user was approving actually gets approved without the user being informed about any issues (like 6442451) with the publishing.
6457322	<p>It is now possible to host the RSM client alongside the RPM client in the C-Clamp. The application servers must still be deployed separately. To enable this feature, a new property named <code>bundled_rsm_client</code> has been added to the <code>rpm.properties</code> file in the <code>rpm</code> ear. The default value of this property is <code>false</code>, which implies that the RSM client will not be available in the C-Clamp with the RPM application. If this property is set to <code>true</code>, the RSM client will be available in the RPM client. No matter what the value of this property, the RSM client jars will be deployed in the RPM <code>jnlp</code>.</p> <p>When a user logs in to the RPM application, if the <code>bundled_rsm_client</code> property is set to <code>true</code> and the user has permissions to access the RSM application, the user can see the RSM application in the C-Clamp. If the property is set to <code>true</code>, but the user does not have access to the RSM application, the user cannot see the RSM application.</p> <p>Also, the new system property <code>retek.more_jndis</code> has been added to the <code>rpm12.jnlp</code>. This property instructs the service locator to download additional JNDI configuration information from the RPM server. This property is present regardless of the value of the <code>bundled_rsm_client</code> property.</p>
6470867	Price changes created at the zone level remained in the RPM_PRICE_CHG_PAYLOAD and were not published to RMS or SIM. The following error appeared in the log: "PPP"Message nodes are not of the same family; PRMPRCCHG/REGPRCCHG." The price event that the user was approving actually was approved without the user being informed about any issues with the publishing.
6594562	Special characters were previously eliminated from the promotion name and description fields of the XML records, because they caused XML file validation errors. Logic was added to replace the special characters with their conversion characters, so that special characters can be sent in the XML file without causing XML file validation errors.

Defect Number	Summary
6595989	<p>A base bug was found and fixed regarding clearance reset dates. If an update needed to be made to a clearance with a reset date, the reset date records were not being generated and sent to Stores.</p> <p>For example, a future-dated clearance with a reset date is approved for 30% off, giving a clearance retail of 14.00 (was 20.00). RPM sends Stores the new clearanceretail (14.00) for the effective date and the reset retail (20.00) for the reset date.</p> <p>If a price change is approved before the clearance effective date, it causes an update/roll forward logic change to the clearance. If the price was increased from 20.00 to 20.50, the new clearance retail would be 14.35. RPM informs Stores of the new clearance retail of 14.35. It also informs Stores of the reset price of 20.50, which RPM was not previously doing.</p>
6606389	<p>In RPM, the end date of a promotion is an optional field; however, on the consuming Oracle Retail Strategic Store Solutions application, this field is required in the XML file. For this release, the consuming application will default any records that do not have promotion end dates to the date 12/31/2099. In a future release, RPM will provide a system option to require this field in the RPM user interface, so that this is always required when integrating with the Oracle Retail Strategic Store Solutions applications.</p>

Known Issues

The following are known issues in the RPM 12.0.6 release.

Performance Concerns with the Price Event Injector Batch

As a result of this new batch program, it is possible to create a price event with an unusually large number of item locations associated with the price event. Because of this, note that the application will only support price events that are similar in size to price events that can be created through the existing price event user interface screens. If you want to create price events using the new injector batch and maintain them through the user interface, be aware of this limitation.

Bug 6117220

Department, Class and Subclass are not populated in the Conflict Check Result for a buy/get promotion and linked price change. This will be fixed (see bug 6669279) in an upcoming release.