Oracle® Retail Price Management

Release Notes

Release 14.1
E59341-01

December 2014

This document highlights the major changes for Release 14.1 of Oracle Retail Price Management (RPM).

Overview

RPM is a pricing and promotions execution system. RPM functionality includes the definition, maintenance, and review of price changes, clearances, and promotions.

RPM capabilities range from simple item price changes at a single location to complex multi-buy promotions across zones.

Hardware and Software Requirements

See the *Oracle Retail Price Management Installation Guide*, Release 14.1 for information about the following:

- Hardware and software requirements

- Oracle Retail application software compatibility

Functional Enhancements

The following are functional enhancements for Oracle Retail Price Management Release 14.1.

Price Event Injector Enhancements

Many retailers manage pricing information in external planning systems and wish to interface this information into RPM for execution. This release provides even more flexibility for retailers wishing to leverage this type of integration with enhancements to the RPM price event injector integration with added flexibility to do the following:

- Upload complex promotions, such as multi-buy and threshold promotions

- Define reset events for clearances

- Create promotion headers and include customer segments

- Create vendor funded price events

For more information, see the *Merchandising Implementation Guide* for functional details and the *Oracle Retail Price Management Operations Guide* for technical details.

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RPM Extensibility — Custom Attributes

In order to support the needs of some retailers to customize RPM to meet their unique business needs by tracking additional information with a price event, version 14.1 has added functionality in the form of custom attributes to support the most common types of customizations. These custom attributes can be independently enabled for each of the price event types in RPM, including price changes, clearance, and at multiple levels for promotion events.

For more information, see the *Merchandising Implementation Guide* for functional details and the *Oracle Retail Price Management Operations Guide* for technical details.

Technical Enhancements

The technical enhancements described below are included in this release.

Conflict Check Results/Errors Cleanup

A new ad-hoc batch process has been introduced to remove orphaned data created by the conflict checking process. Typically, this conflict data is purged by running an event through the conflict checking engine again, but it is possible that users would not re-run events. Also, users do not always maintain data around conflict check results after processing events.

This new batch purges all conflict check results and errors (conflicts) for any event that is no longer in the system. The process can be run on an as needed basis.

WebLogic Connection Factory

A connection factory is now included with the RPM installation rather than relying on a default connection factory from WebLogic. This connection factory allows RPM to utilize database threads more efficiently and effectively results in balanced database thread processing.

Software Operating Environment Upgrades

This section addresses the technical enhancements included in Oracle Retail Price Management Release 14.1.

> **Note:** The list below announces the addition of Oracle Retail support for the technology described. See the Installation Guide requirements section for critical information, such as whether the enhancement below replaces previous versions or is supported in addition to already existing versions.

Database Server Support

Oracle Retail Price Management (RPM) Release 14. 1 is supported for use with the following database server:

- Oracle Database Enterprise Edition 12cR1 (12.1.0.1.4)

Browser Support

Oracle Retail Price Management (RPM) Release 14. 1 is supported for use with the following browser:

- Microsoft Internet Explorer 11

Security Technologies

Oracle Retail Price Management (RPM) Release 14. 1 is supported for use with the following security technologies:

- Oracle Access Manager (OAM) 11.1.2.2
- Oracle Identity Management 11g Release 1 (11.1.1.7)

Integration Enhancement

Web Services Replacing RSL

To be consistent with Oracle Retail Enterprise changes for 14.1, in this release, the Oracle Retail Service Layer (RSL) interface into RPM has been replaced with a web service framework, Oracle Retail Service Backbone (RSB).

Known Issue and Workaround

The installation scripts for RPM do not create all of the necessary batch control data for the price event injector batch which leds to the batch not being able to execute successfully.

Workaround

After a complete installation of RPM 14.1, update the RPM_BATCH_CONTROL table to have a value other than NULL and greater than zero for the NUM_THREADS column related to the re cord with a PROGRAM_NAME value of com.retek.rpm.batch.InjectorPriceEventBatch.

Supplemental Documentation on My Oracle Support

The following documents are available through My Oracle Support. Access My Oracle Support at the following URL:

https://support.oracle.com

Enterprise Integration Guide (Located in the Oracle Retail Integration Suite Library on the Oracle Technology Network).

The Enterprise Integration Guide is an HTML document that summarizes Oracle Retail integration. This version of the Integration Guide is concerned with the two integration styles that implement messaging patterns: Asynchronous JMS Pub/Sub Fire-and-Forget and Web Service Request Response. The Enterprise Integration Guide addresses the Oracle Retail Integration Bus (RIB), a fully distributed integration infrastructure that uses Message Oriented Middleware (MOM) to integrate

applications, and the Oracle Retail Service Backbone (RSB), a productization of a set of Web Services, ESBs, and Security tools that standardize the deployment.

Oracle Retail Merchandising Operations Management 14.1 Upgrade Guide (ID 1595732.1)

This guide describes the approach that each Oracle Retail Merchandising Operations Management application takes for the upgrading process, as well as its upgrade assumptions and considerations. Actual procedures for the upgrade may be included in the application's Installation Guide.

Oracle Retail Merchandising Mock Installation Test Cases, Release 14.1 (1597813.1)

The tests in this document have been created to assist in verifying (smoke testing) that the installation of the following products was successful: RMS, ReSA, RTM, Oracle Retail Allocation, ReIM, ARI, and RPM. These tests are not intended to verify all functionality in the suite of products previously listed.

Documentation Enhancement

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

https://support.oracle.com

Guidance for Creating Multi Buy Promotion Staging Data (Doc ID 1947302.1)

This whitepaper provides guidance to retailers around creating staged data for the price event injector batch to bring Multi-Buy promotion components into Oracle Retail's Price Management system from an external source. This type of promotion component has flexibility to address the challenges in creating this data effectively.

Related Documentation

For more information, see the following documents in the Oracle Retail Price Management Release 14.1 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 Data Conversion Operations Guide*

- *Oracle Retail Merchandising Implementation Guide*

- *Oracle Retail Merchandising Security Guide*

- *Oracle Retail POS Suite/Merchandising Operations Management Implementation Guide*

Also see the following:

- Oracle Retail Integration Bus documentation set, including the *Oracle Retail Enterprise Integration Guide*

Supplemental Training on 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

Transfer of Information (TOI) Material (ID 732026.1)

Online training is available to Oracle supported customers at product release. These online courses provide release-specific product knowledge that enables your functional and technical teams to plan, implement and/or upgrade and support Oracle Retail applications effectively and efficiently.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Oracle® Retail Price Management Release Notes, 14.1