

Oracle® Retail Clearance Optimization Engine

Release Notes

Release 13.3

E26977-01

January 2012

Welcome to Oracle Retail Clearance Optimization Engine Release 13.3. This document highlights the enhancements and fixed defects in this release. It includes the following sections:

- [Hardware and Software Requirements](#)
- [Upgrading to Clearance Optimization Engine](#)
- [Grid Designer Enhancements](#)
- [Functional Enhancements](#)
- [Documentation Enhancement](#)
- [Noteworthy Defect Fixes](#)
- [Known Issues](#)
- [Related Documents](#)
- [Customer Support](#)
- [Review Patch Documentation](#)
- [Oracle Retail Documentation on the Oracle Technology Network](#)
- [Documentation Accessibility](#)

Note: Installation media files for an Enterprise release (13.x) are available on the *Oracle Software Delivery Cloud* Web site (<http://edelivery.oracle.com>) and Patch releases (13.3.x) and Hot Fixes (13.3.x.y) are available on the *My Oracle Support* Web site (<https://support.oracle.com>).

Build IDs:

Component Name	Version Number
COE 13.3	RGBUMDOCOE_13.3.0.0_GENERIC_120117.1502
Framework 3.5	RGBUMPOFRAMEWORK_3.5.0.0_GENERIC_111229.2119
Installer 3.5	RGBUMPOINSTALLER_3.5.0.0_GENERIC_111229.2156
Suite 3.5	RGBUMPOSUITE_3.5.0.0_GENERIC_111229.2137
Engine 5.6.4	RGBUMPOCALCENGINEPKG_5.6.4.0_GENERIC_111230.0034
APC-MDO 13.3	RGBUAPCMDO_13.3.0.0_GENERIC_111216.0132

ORACLE®

Hardware and Software Requirements

For more information on the hardware and software requirements, see the *Oracle Retail Clearance Optimization Engine Installation Guide*.

Upgrading to Clearance Optimization Engine

For more information on upgrading to Clearance Optimization Engine Release 13.3, refer to the *Oracle Retail Clearance Optimization Engine Installation Guide*.

Grid Designer Enhancements

This release includes the following enhancements to the Grid Designer:

- [Setting Up Item Details Grid Configuration](#)
- [Setting Up Functions for a Column Definition](#)
- [Setting Up Dependencies for a Column Definition](#)

Setting Up Item Details Grid Configuration

The Grid Designer application now includes an Item Details Layout screen that enables you to set up the Item Details grid configuration (item-details-layout.xml). For more information, see the chapter Setting Up Item Details Grid Configuration in the *Oracle Retail Clearance Optimization Engine Grid Designer User Guide*.

Setting Up Functions for a Column Definition

To set up a function for a column definition using the <function> tab in the Edit <column-def> screen, you must now first select an aggregate function from the key list, and then if applicable, click Create to add the function arguments. Based on the argument function selected, the valid arguments will now automatically get generated, and the relevant list of values (LOV) field will appear in the Function Arguments area. For more information, see the chapter Setting Up Column Definitions in the *Oracle Retail Clearance Optimization Engine Designer User Guide*.

Setting Up Dependencies for a Column Definition

When you click the Create button on the <ColumnDependency> tab of the Edit <column-def> screen, a new row will now be added in the <ColumnDependency> area that will enable you to add a column dependency. In this row, under the <column-def> key column, click the Magnifying Glass icon to launch the Column Definition Browser Editor window, and then select the key you want to add the dependency. For more information, see the chapter Setting Up Column Definitions in the *Oracle Retail Clearance Optimization Engine Designer User Guide*.

Functional Enhancements

This release includes the following functional enhancements:

- [External Base Demand Calculation](#)
- [COE Demo Dataset](#)

External Base Demand Calculation

Retailers doing store level optimizations can use the external base demand calculation. This algorithm has been enhanced to better handle items with low rate of sales. For more information, refer to the *Oracle Retail Clearance Optimization Engine Operations Guide*.

COE Demo Dataset

The COE installation media now includes a new demo dataset called IPCOEDataset that helps in setting up an integrated COE environment with IP-COE for demonstration purposes. The data in this sample dataset should match the data in IP-COE sample dataset and also include the necessary changes for the position names (see description for defect 13466621 below).

Documentation Enhancement

Oracle Retail Clearance Optimization Engine Implementation Guide

New to Release 13.3, the *Oracle Retail Clearance Optimization Engine Implementation Guide* provides insight into the considerations for an implementation. It includes information on installing the application, configuring the user interface, database configuration, and staging and loading data. It also provides an overview on managing the application.

Noteworthy Defect Fixes

The following noteworthy defects have been fixed in this release:

- **11693835** – The title text strings for the pop-up windows in the User Management module are now available in all languages supported by Clearance Optimization Engine.
- **11694843** – Calculation Engine performance has been improved by implementing larger sequence caches.
- **12346794** – When users create a function in Grid Designer that takes arguments, they must ensure to provide accurate arguments (number of arguments and type of arguments). For more information, see the Function Arguments section in the *Oracle Retail Clearance Optimization Engine Configuration Guide*.
- **12390778** – The Merchandise and Location Configurable Data Attributes (CDA) load procedures now include a validation that checks whether the corresponding merchandise keys and location keys exist in the merchandise and location data feeds. This ensures that bad records are excluded during the load.
- **12796822** – Setting up a filter in the Column Definition Browser screen before you edit a column to add a dependency no longer affects the selection process.

- **13390233** – The Activities table will be organized when the cdw_978.sql file during an upgrade from Release 13.2.2 or previous releases. The SQL file will fail and an error message will appear when it runs out of space

Ensure that the database tablespace is large enough for this purpose. For this process to run successfully, it is recommended that you have at least one and a half times of the tablespace occupied by the activities table.

- **13423026** – Load issues related to the duplication of same item in two pricing groups have been fixed. Issues occurred when users implemented changes or additions to the pricing groups using the application.
- **13423220** – New items belonging to a new location cluster, added after creating pricing group, are now added to pricing group during auto collection.
- **13466621** – Oracle Retail Predictive Application Server (RPAS) Release 13.3 stores hierarchy position names in lower case. The hierarchy load files in RPAS for Oracle Retail Item Planning Configure for COE (IP-COE) can be in mixed case; however, they are stored in lower case internally. The conversion on the IP side is handled by the convertDomain utility, and no manual loads need to be performed (for more information, refer to the *Oracle Retail Predictive Application Server Release Notes*). Even though COE supports mixed case position names (that is, merchandise_key and location_key), both in load files and database storage, it uses case-sensitive comparisons for position names (IDs). As a result, you must load lower case position names (that is, merchandise_key and location_key) in COE.

Known Issues

The following known issue has been identified in this release:

- **13582899** – Users may notice a Java Script error when they log on to the application and click the Pricing Group Manager link. This is a benign Java Script error and does not affect any application functionality. The Java Script error will go away when users select a worksheet using hierarchy filters.

Related Documents

For more information, see the following documents in the Oracle Retail Clearance Optimization Engine Release 13.3 documentation set:

- *Oracle Retail Clearance Optimization Engine Release Notes*
- *Oracle Retail Clearance Optimization Engine Administration Guide*
- *Oracle Retail Clearance Optimization Engine Online Help*
- *Oracle Retail Clearance Optimization Engine Implementation Guide*
- *Oracle Retail Clearance Optimization Engine Configuration Guide*
- *Oracle Retail Clearance Optimization Engine Operations Guide*
- *Oracle Retail Clearance Optimization Engine Grid Designer User Guide*
- *Oracle Retail Clearance Optimization Engine Grid Designer Online Help*
- *Oracle Retail Clearance Optimization Engine Licensing Information*
- *Oracle Retail Clearance Optimization Engine Data Model*

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<https://support.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

When you install the application for the first time, you install either a base release (for example, 13.3) or a later patch release (for example, 13.3.1). If you are installing the base release, additional patch, and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:

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

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible to all users, including users that are disabled. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at <http://www.oracle.com/accessibility/>.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/support/contact.html> or visit <http://www.oracle.com/accessibility/support.html> if you are hearing impaired.

Oracle® Retail Clearance Optimization Engine Release Notes, Release 13.3

Copyright © 2012, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

- (i) 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.
- (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.
- (iv) the software component known as **Adobe Flex™** licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

You acknowledge and confirm that Oracle grants you use of only the object code of the VAR Applications. Oracle will not deliver source code to the VAR Applications to you. Notwithstanding any other term or condition of the agreement and this ordering document, you shall not cause or permit alteration of any VAR Applications. For purposes of this section, "alteration" refers to all alterations, translations, upgrades, enhancements, customizations or modifications of all or any portion of the VAR Applications including all reconfigurations, reassembly or reverse assembly, re-engineering or reverse engineering and recompilations or reverse compilations of the VAR Applications or any derivatives of the VAR Applications. You acknowledge that it shall be a breach of the agreement to utilize the relationship, and/or confidential information of the VAR Applications for purposes of competitive discovery.

The VAR Applications contain trade secrets of Oracle and Oracle's licensors and Customer shall not attempt, cause, or permit the alteration, decompilation, reverse engineering, disassembly or other reduction of the VAR Applications to a human perceivable form. Oracle reserves the right to replace, with functional equivalent software, any of the VAR Applications in future releases of the applicable program.