

# Oracle® Retail Clearance Optimization Engine Release 13.2.1

Release Notes

Release 13.2.1

October 2010

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Welcome to Oracle® Retail Clearance Optimization Engine (COE) Release 13.2.1.

This document provides details about this release.

COE 13.2.1 Build IDs:

**Table 1 Package Matrix Build IDs**

| Component Name | Version Number                          |
|----------------|---|
| COE            | Coe-13.2.1-208-201010201736-258031      |
| Framework      | Framework-3.3.1-293-201010191900-257992 |
| Installer      | Installer-3.3.1-296-201010192030-25799  |
| Suite          | Suite-3.3.1-294-201010191930-257992     |
| Enginepkg      | Enginepkg-5.6.1-215-201010192145-257992 |
| APC-MDO        | APC_MDO-13.2.1-155-201010200200-257992  |

## 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 COE Release 13.2.1, see the *Oracle Retail Clearance Optimization Engine Installation Guide*.

## New Features for COE 13.2.1

The following new features are included in COE 13.2.1:

### New Business Rule

Note that the OUT\_WKS business rule is not editable by default in COE. It is provided only for informational purposes

A new business rule called 'OUT\_WKS' is now available that provides an alternate calculation for an item's exit date if the business rule 'OUT\_DT' is not set. This is useful for the seasonal maintenance of exit dates. If an item's OUT\_DT is not set, the alternate out date is calculated by combining the item's model\_start\_date value, the OUT\_WKS value, and the global parameter OutDay. OUT\_WKS provides the number of weeks

that is added to an item's model start date, to determine a default out/exit week. Applying the global OutDay to it gives the specific alternate out date.

The value for OUT\_WKS is a positive integer value. The default value is 10.

The global parameter 'OutDay' is defined and maintained in the P4P\_PARAMS table. It defines the day of the week on which the exit date must fall. Valid values are 'Saturday', 'Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday'.

### **Price Effect Calculation Change**

A new configurable analytical parameter, lambda, is used to model the decay in the price lift over time. This value is set in the IR\_ITEM\_PARAMETER view and is used in the price effect calculation. One global unique value can be used for all items or override at the item level. By default, lambda is set to 1.00 for backward compatibility. The default value indicates that there are no changes to the price effect calculation. The range of values is 0 - 1.00.

### **Time Zone Fix**

This issue had to do with different parts of the COE application having different interpretations of the time zone. Dates read from and written to the database via JDBC rely on the JVM default time zone for interpretation. What-If requests pass date instances from COE to Calculation Engine (CE). COE uses the time zone information of the application server COE runs on, while currently CE uses the time zone information of the operating system CE runs on. In some practical deployments, these two time zones can be different because of client requirements and that causes the date interpretation issue.

The solution here was to have CE and COE always agree on the time zone whenever reading or writing date types to the database. This synchronization is now enforced by both CE and COE setting their java virtual machine (JVM) default time zones based on the time zone the database is set to.

Since the Installation Guide already recommends setting the database time zone, there are no additional configuration steps. Any time-zone settings that are specified in the WebLogic start-up script using the java option "-Duser.timezone=" will be ignored and will no longer work.

## **Noteworthy Fixes in This Release**

The following bugs have been fixed in this release:

**7995** – The table ITEM\_ACTUALS\_MV has been removed because it duplicates the data in item\_metrics\_tbl.

**15210** – Table 10-8 in *Oracle Retail Clearance Optimization Engine Configuration Guide* the contains an error. It should say P4P\_TEMPLATE\_IF\_NOT\_NULL instead of P\$P\_TEMPLATE\_IF\_NOT\_NULL.

**17302** – The LoadModelStartDate procedure now correctly calculates the model start date when an item has a negative net sales value at the beginning of life.

## **Related Documents**

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

- *Oracle Retail Clearance Optimization Engine Administration Guide*

- *Oracle Retail Clearance Optimization Engine Configuration Guide*
- *Oracle Retail Clearance Optimization Engine Installation Guide*
- *Oracle Retail Clearance Optimization Engine Operations Guide*
- *Oracle Retail Clearance Optimization Engine Release Notes*

## 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](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.

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<https://support.oracle.com>

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- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to recreate
- 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, 13.1) or a later patch release (for example, 13.1.2). 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.

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