

Oracle® Retail Clearance Optimization Engine Release 13.2

Release Notes

Release 13.2

July 2010

Welcome to Oracle® Retail Clearance Optimization Engine (COE) Release 13.2.

This document highlights the enhancements and fixed defects for this release.

Note: Installation media files for an Enterprise release (13.x) are available on the *Oracle Electronic Delivery* Web site (<http://edelivery.oracle.com>) and Patch releases (13.2.x) and Hot Fixes (13.2.x.y) are available on the *My Oracle Support* Web site (<https://support.oracle.com>).

COE 13.2 Build IDs:

Table 1 Package Matrix Build IDs

Component Name	Version Number
COE	Coe-13.2.0-145-201007160530-254728
Framework	Framework-3.3.0-241-201007151900-254707
Installer	Installer-3.3.0-241-201007152030-254728
Suite	Suite-3.3.0-238-201007151930-254728
Enginepkg	Enginepkg-5.6.0-159-201007152145-254728
APC-MDO	APC_MDO-13.2.0-74-201007071314-254487

Supported Platforms

This section details the supported platforms for COE 13.2.

Table 2 Application Server Requirements for COE

Software	Requirement				
Application Servers	Oracle WebLogic Server 11g Release 1 (10.3.2)				
Database Client	Oracle Database 11g Client Release 2 (11.2.0.1.0)				
Operating System (64-bit)	Oracle Enterprise Linux 5.0 Update 3	Sun Solaris 10 8/07 (Update 4)	HP-UX 11i v3 Update 1 (11.31), itanium-based	IBM AIX 6.1 Technology Level (TL) 4	Red Hat Enterprise Linux 5 Update 3
JVM	JDK 1.6 Update 18 (64-bit)	JDK 1.6 Update 18 (64-bit)	HP-UX JDK 6.0.01 java version "1.6.0.07 (64-bit)	IBM JDK 1.6 SR6 (64-bit)	JDK 1.6 Update 18 (64-bit)

Table 3 Database Requirements for COE

Software	Requirement				
Database (64-bit)	Oracle Database 11g Release 2, Enterprise Edition (11.2.0.1.0) RAC or Single Instance				
Database Features	Oracle Partitioning Important: Although this database feature is available in the Oracle Database Enterprise Edition, you may need a separate license to use this feature. For more information, refer to the <i>Oracle Database Licensing Information 11g Release 2</i> documentation.				
Operating System (64-bit)	Oracle Enterprise Linux 5.0 Update 3	Sun Solaris 10 (SPARC) timezone patch 122032-01 or later and libc patch 119689-07 or later	HP-UX 11i v3 Update 1 (11.31), itanium-based	IBM AIX 6.1 Technology Level (TL) 4	Red Hat Enterprise Linux 5 Update 3
Utilities	File transfer protocol utility (ftp or ssh/scp/rsync) sudo utility				

Supported Oracle Retail Products

The following Oracle Retail product is supported:

Product	Version
Oracle Retail Item Planning Configured for Clearance Optimization Engine (COE)	13.2
Oracle Retail Analytic Parameter Calculator for Markdown Optimization (APC-MDO)	13.2

Clearance Optimization Engine is part of the Oracle Retail Fashion Planning Bundle.

Overview of the Fashion Planning Bundle

The Fashion Planning Bundle is the integration of Item Planning (IP), Clearance Optimization Engine (COE), Assortment Planning (AP), Merchandise Financial Planning (MFP), and Size Profile Optimization (SPO) as a full-suite planning solution for fashion retailers.

New Features in COE 13.2

The following new features are included in this release.

Password Stores

As part of the Oracle Software Security Assurance (OSSA) program, sensitive information such as user credentials are encrypted and stored in a secure location called password stores. The password stores are secure software containers that store the encrypted user credentials.

You can retrieve the credentials using aliases that were set up when encrypting and storing the user credentials in the password store.

Before you start the application installation, you must set up a password store for the database user accounts using Oracle Wallet on the application database side. You must also set up another password store for the application and application server user accounts using the Credential Storage Manager (CSM). Once the CSM password store is set up, you must also set up the same database credentials (including the alias name, stored in the Oracle Wallet) in the CSM password store.

This process involves assigning an alias for the user name and associated password for each database user account. The alias will later be used during the application installation. This password store must be created on the system where the application server and database client are installed.

For more information, please refer to the relevant Installation Guides. The password stores, and all necessary steps to store, and retrieve the passwords must be completed before COE installation can begin.

User Management

You can now assign more than one role to a user at the same time. In addition, the User Management interface now includes column filtering functionality.

Estimated Base Demand

For items with low rates of sales, it is now possible to estimate demand not just on the store being optimized but on the aggregated performance across stores.

Internationalization

COE supports seven new languages: Croatian, Dutch, Greek, Hungarian, Polish, Swedish, and Turkish, for a total of 17 languages in addition to English.

PriceAdmin Commands

The PriceAdmin commands require an admin alias in order to be executed. The admin user must have the PRICE_ADMIN_USER role. The PriceAdmin user and credential information must be stored in the password store to be referenced by the alias while executing the PriceAdmin command. For more information on how to set the password store and password alias, refer to the COE Installation Guide. In addition, the user action must be set to PRICE_ADMIN_EXEC.

Bulkloader Utility

The shell script for the Bulkloader Utility takes a new argument for the administrative user's alias, stored in the CSM wallet:

```
bulkloader.sh -useralias <admin alias>
```

Calc Engine properties Files and db.alias

If db.alias is present, then the user and password from the Oracle wallet are used. If not, then the user name and password found in delphi.properties file are used.

Web Service Price Ladders

The COE service call returns the markdown recommendation both as a percent off value and as a price point value.

Sendback Files

The name of the forecastsendback.sh script has been changed to coe-sendback.sh. Pricing groups information have been added as one of the generated extracts.

WebService Transaction ID

The Web Service now supports tracking transaction ID of a What-If call from Item Planning for auditing purposes. This replaces the need for sending the remote username/password information during the What-If call from Item planning.

Noteworthy Fixes in This Release

The following bugs have been fixed in this release:

14485 – When pricefe.systemwide.itemDominant is set to false, the COE WebService used to return both item level and pricing group level recommendations. It now only returns Pricing Group recommendations.

16029 – When a user selects Seasonality Management from the Main Menu, the "waiting for data" message and the wait icon no longer display after the Seasonality page opens when there is not curve to display.

16068 – The Oracle 11.2 DB initial parameter recyclebin must be set to OFF for COE deployment.

Known Issues

The following bugs are known issues for this release:

16523 – For all platforms (except AIX) the environment variables LD_LIBRARY_PATH and LD_LIBRARY_PATH_64 must be set to the appropriate folder where the Calculation Engine is available prior to starting the CE or executing the weekly batch.

For example:

```
export LD_LIBRARY_PATH=<MDO Install Directory>/modules/Engine/lib/<architecture_
folder>:$LD_LIBRARY_PATH
```

```
export LD_LIBRARY_PATH_64=<MDO Install
Directory>/modules/Engine/lib/<architecture_folder>:$LD_LIBRARY_PATH_64
```

For AIX, the environment variable LIBPATH must be set before starting the CE or executing the weekly batch.

```
export LIBPATH =<MDO Install Directory>/modules/Engine/lib/<architecture_
folder>:$LIBPATH
```

Related Documents

For more information, see the following documents in the Oracle Retail Markdown Optimization 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 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.

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- Exact error message received
- Screen shots of each step you take

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Oracle Retail Clearance Optimization Engine Release Notes, Release 13.2,

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