Oracle® Retail Clearance Optimization Engine

Release Notes

Release 13.0.3

February 2009

This document contains the release notes for Clearance Optimization Engine (COE) v13.0.3.

COE v13.0.3 Build IDs:

Table 1 Package Matrix Build IDs

Component Name	Version Number
COE 13.0.3	Coe-13.0.3-33-200901230600-233044
Enginepkg 5.3.3	Enginepkg-5.3.3-188-200901222300-233040
Framework 1.7.4	Framework-1.7.4-320-200901162100-232718
Suite 1.7.4	Suite-1.7.4-317-200901162130-232718
Installer 2.3.4	Installer-2.3.4-312-200901162200-232718
APC 13.0.3	APC-13.0.3-108-200901230300-233044

Note the Following

COE v13.0.3 includes the following new features.

Web Service Versioning – The name of the What If Web Service (V0) has been changed to Clearance Optimization Service (V1). The What If web service is being co-hosted with the Clearance Optimization web service for backward compatibility. Here are the details of the web service changes:

V0 Web Service

- Service Name: WhatIf Service V0
- Service URL: http://<host>:<port>/mdowif/wifservice
- WSDL URL: http://<host>:<port>/mdowif/wifservice?wsdl

V1 Web Service

- Service Name: Clearance Optimization Service V1
- Service URL: http://<host>:<port>/clearance/optimization/V1 /ClearanceOptimizationService
- WSDL URL: http://<host>:<port>/clearance/optimization/V1 /ClearanceOptimizationService?wsdl

WebLogic Support – COE v13.0.3 supports WebLogic v10.0 mp1.

MDO Governor – The MDO Governor functionality can be used to rate markdown recommendations as "Reliable", "Unreliable" or "Not applicable". In

this release, the following enhancements/bug fixes has been made to the MDO Governor functionality.

Configurable States: The number of states used to compute the risk rating can be configured using the new parameter 'TARGET_COUNT' in IR_ITEM_ PARAMETERS view.

The MDO Governor State Transition machine previously rated markdown recommendations as reliable one state prior to the desired state. This behavior has been fixed with this release (TT 26373).

Impact of Bug Fix on COE

The following table shows the TestTrack issues that were fixed in COE v13.0.3 and that impact either the inference rules, load statements, schema, Standard Load, or Calc Engine. (Note that some issues do not fall into any of these categories.)

TT#	Inference Rules	Load Statements	Schema Change	Standard Load	Calc Engine
27244		X			

Bug Descriptions

The following is a list of the TestTrack issues that have been addressed in COE v13.0.3.

26373 – The MDO Governor State Transition machine previously rated markdown recommendations as reliable one state prior to the desired state. This behavior has been fixed with this release.

26612 – In Business Rule Manager, the incorrect child nodes are returned when a rule with attributes is modified.

26794 – The version name of the WhatIf Service should be generic since it is common to both MDO and COE

26918 – The XSD has been modified so that the RPAS Item Planning application can now send the NULL or not tag for any scenario variable. The value of -1 is no longer required.

26951 – The online help for COE Checking for Browser Settings heading displays MDO.

27018 – The COE dataset sample baseline report has been updated.

27134 – The COE installation fails intermittently during a UserManagement deployment.

27244 – The mdo.rpas.sendback.sh file, which generates the sendback files, now specifies the correct option for the WebLogic server.

Known Issues

The following are the known issues with this release.

27008 – The default degree of parallelism has been set to twice the number of CPUs for use by the standard load procedure. This increases the TEMP tablespace and improves performance.

27189 – Stopping applications before running the Installer in upgrade mode:

1. When you start the upgrade, the installation replaces the existing applications (deployed over the OC4J instance) with the new ones. During this operation, the OC4J instance may run out of physical memory space and generate an Out of Memory (PermGen space) exception. Once this exception occurs, the instance will no longer be available for use and a server restart will be necessary to continue operations. This has been identified as a known issue with Oracle Application Server 10*g* (**MetaLink Note 368342.1**).

   To avoid an Out of Memory exception during the upgrade, you must first complete the following steps:

   a. Navigate to the following location in the Oracle Application Server Home directory:

      ```
      <OAS_HOME>/opmn/conf/
      ```

   b. Edit the **opmn.xml** and ensure that it includes the following values within the **category id** tag (in the **ias-component id** section):

      ```
      -Djava.awt.headless=true -Xmx512m -Xms256m -XX:MaxPermSize=256m
      ```

      Note: The **-Xmx512m**, **-Xms256m**, and **-XX:MaxPermSize=256m** memory arguments are recommendations for a typical configuration. You can choose to set up a different memory argument that best fits your hardware configuration.

   c. Log on to the Enterprise Manager for the application server by typing the following address in a Web browser:

      ```
      http://mycompany.domain.com:<admin-port>/em
      ```

      Once logged on, the **Cluster Topology** page appears.

   d. On the **Cluster Topology** page, under the **Members** section, select the check box next to the following application components:

      – BRMHelp

      – BusinessRuleMgr

      – c4p

      – price

      – PriceHelp

      – SuitePropertiesManager

      – SystemInformationTool

      – UMHelp

   e. Click **Stop**. The **Confirmation** page appears.

   f. On the **Confirmation** page, review the components selected, and click **Yes**.

   g. Restart the application server.

27260 – The Web Service response XML on WebLogic displays both the date and time. OAS does not display the date and time. This is the expected behavior.

27414 – With WebLogic 10.0 mp1 on AIX, when the web service is invoked, the following exception appears in the log file:

java.lang.IllegalArgumentException: Provider org.apache.xerces.jaxp.validation.XMLSchemaFactory not found.

This error is benign and does not affect the application functionality.

Release Notes, Oracle Retail Markdown Optimization 13.0.3
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