

Oracle® Retail Markdown Optimization Release 13.2.1

Release Notes

Release 13.2.1

October 2010

Welcome to Oracle® Retail Markdown Optimization (MDO) Release 13.2.1.

This document provides details about this release.

MDO 13.2.1 Build IDs:

Table 1 Package Matrix Build IDs

Component Name	Version Number
MDO	Price-13.2.1-247-201010201616-258031
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 Markdown Optimization Installation Guide*.

Upgrading to Markdown Optimization

For more information on upgrading to MDO Release 13.2.1, see the *Oracle Retail Markdown Optimization Installation Guide*.

New Features for MDO 13.2.1

The following new features are included in MDO 13.2.1:

New Business Rule

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.

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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 MDO 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 MDO to Calculation Engine (CE). MDO uses the time zone information of the application server MDO 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 MDO always agree on the time zone whenever reading or writing date types to the database. This synchronization is now enforced by both CE and MDO 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.

Documentation Change

Note that the following text should be added to the "Internationalization" chapter of *Oracle Retail Markdown Optimization Configuration Guide*.

"A single MDO installation can be configured to support more than one underlying currency. Typically, items would be segregated into worksheets by currency regions. However, MDO only supports a single currency symbol used for formatting tabular financial data within a single implementation. A separate currency metric column or other labels can be configured to convey which currency is appropriate for a given table."

This information will be included in the documentation for MDO 13.2.2.

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.

14259 – The WhatIf and Export to Excel from WhatIf both show the correct currency symbol. The currency symbol is based on the overrides set in cc.currencySymbol.localeOverride in CommonMessages_XX.properties.

15210 – Table 10-8 in *Oracle Retail Markdown Optimization Configuration Guide* the contains an error. It should say P4P_TEMPLATE_IF_NOT_NULL instead of P\$P_TEMPLATE_IF_NOT_NULL.

16415 – The definition for the IR_WIF_PROJ_OH_UNITS_EFF_DT view is updated as follows:

```
create or replace view ir_wif_proj_oh_units_eff_dt
(item_id,
submittal_worksheet_id,
forecast_id,
proj_oh_units_eff_dt)
as
select
i.item_id,
i.submittal_worksheet_id,
fa.forecast_id,
NVL((fa.sales_units + fa.inventory_units),i.committed_inv_units) proj_oh_units_
eff_dt
from forecast_activities fa, item_data i, wif_results_tbl wrt,
(SELECT p.param_value
FROM p4p_params p
WHERE p.param_name = 'WkEndDay') p
where fa.forecast_id = wrt.forecast_id
and i.item_id= wrt.item_id
-- NEXT_DAY function is used derive particular date's end of week date
-- using begin of week DAY from p4p_params.
and fa.calendar_dt = NEXT_DAY((i.effective_date-1),p.param_value)
```

16719 –The following string has been changed in UserMessagesResources.properties. The message "Items dropped from calculations due to insufficient data" has been replaced with the message "x item/items did not have a forecast during the model run due to insufficient data."

16967 – MD_FLAG_VIEW metric now displays correctly on aggregate rows in Maintain Merchandise screen.

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 MDO, see the following documents in the Oracle Retail Markdown Optimization documentation set:

- *Oracle Retail Markdown Optimization Administration Guide*
- *Oracle Retail Markdown Optimization Configuration Guide*
- *Oracle Retail Markdown Optimization Implementation Guide*
- *Oracle Retail Markdown Optimization Installation Guide*
- *Oracle Retail Markdown Optimization Operations Guide*
- *Oracle Retail Markdown Optimization Release Notes*
- *Oracle Retail Markdown Optimization User Guide*

For more information about APC-MDO, see the following documents in the Oracle Retail Analytic Parameter Calculator for Markdown Optimization documentation set:

- *Oracle Retail Analytic Parameter Calculator for Markdown Optimization Configuration Guide*
- *Oracle Retail Analytic Parameter Calculator for Markdown Optimization Installation Guide*
- *Oracle Retail Analytic Parameter Calculator for Markdown Optimization User 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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<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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