

# Oracle® Retail Analytic Parameter Calculator for Markdown Optimization Release 13.1.2

## Release Notes

January 2010

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Welcome to Oracle® Retail Analytic Parameter for Markdown Optimization (APC-MDO) Release 13.1.2.

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

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**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 (13.1.x) and Hot Fixes (13.1.x.y) are available on the *My Oracle Support* Web site (<https://support.oracle.com>).

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### APC-MDO 13.1.2 Build IDs:

**Table 1** *Package Matrix Build IDs*

Component Name	Version Number
APC-MDO 13.1.2	APC_MDO-13.1.2-152-200912220200-247175
MDO 13.1.2	Price-13.1.2-221-201001170300-248276
COE 13.1.2	Coe-13.1.2-203-201001170500-248276

## Overview

The following new feature is included in this release.

### Platform Support Matrix Update

APC-MDO 13.1.2 now supports Oracle 11g (11.1.0.7). This is in addition to any existing supported configurations. Note that when you use the Oracle 11g Database, you should also use the Oracle 11g Client.

## Noteworthy Fixes in This Release

The following bugs have been fixed in this release:

**7663** – Because the user-selected padding fiscal year may not match the year used in the base historical period seasonality curve, holiday-driven spikes from the wrong (padding) year may be introduced into the padded curve. To fix this, the padding has been changed to pad by chain deprecised sales by calendar date. In addition, fiscal weeks that are not covered by the activities time span are now padded by fiscal week as well as by calendar date.

**9346** – The restriction against not padding indices for holiday corrections when the index has a value of exactly 1 has been removed. In addition, the early holiday lift propagation has been enhanced.

**11891** – A padding curve is now generated for the entire length of the data instead of for just one fiscal year. Curves that are more than a year long or that include more than one fiscal year are correctly padded from the associated period in the historical data. This only occurs when activities data is available for a given merchandise-location-season-code. If this is not the case, then the old fiscal year padding curve is still applied instead.

**11892** – APC-MDO did not fully support long-life fashion items (life cycles longer than one year). APC-MDO now performs holiday corrections past the first year of a single-cycle curve.

**12576** – This section provides information on how to stop applications before running the Installer in upgrade mode.

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 10g (**MetaLink Note 368342.1**).

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

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

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

2. 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
```

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**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.

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3. 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.

4. On the **Cluster Topology** page, under the **Members** section, select the check box next to APC FE.
5. Click **Stop**. The **Confirmation** page appears.
6. On the **Confirmation** page, review the components selected, and click **Yes**.
7. Restart the application server.

**12611** – The database create script has been modified. The APC database schema can now be created via the installer.

**12934** – The elasticity calculation now uses the denominator ( n-1) in calculating averages, and as a result averages are calculated correctly.

**12995** – The ASDS\_LOG\_TBL file now contains a record of the version of APC that is currently running.

Starting with APC-MDO 13.1.2, the application cannot run on older versions of the APC-MDO database schema, because of the change to ASDS\_LOG\_TBL. To update an older version of the database to support APC-MDO 13.1.2, run the following SQL queries:

```
DROP TABLE ASDS_LOG_TBL;  
CREATE TABLE ASDS_LOG_TBL (  
    PARAMETER_CALC_RUN_ID NUMBER(32) NOT NULL,  
    LOG_LEVEL              VARCHAR2(5) NOT NULL,  
    LOG_ENTRY_DT           DATE NOT NULL,  
    LOG_ENTRY_DESCRIPTION VARCHAR2(600) NULL,  
    LOG_VERSION            VARCHAR2(50) NULL  
);
```

**13003** – To stop any stage during execution, select the Stage Status & Custom Run screen and click Stop.

**13326** – APC-MDO now propagates lifts when the season curve begins with a holiday correction.

**14109** – The Installer now creates the database schema when the database installation is enabled.

**14619** – The start week in the Raw AP stage is rarely customized because the periods are defined in the calendar standard interface with information supplied by the customer. This information is part of the initial data feed.

**14787** – The Corrections stage now runs successfully in the case where there are weeks with no base fiscal year/base fiscal week data and no input activity data. Seasonality indices for these weeks are no longer padded.

## Known Issues

The following bug is a known issue for this release.

**14589** – When the value specified for the Time Window for either the preceding weeks or the following weeks is greater than 14, then the Raw AP stage fails. Note that this value should be less than 8 and generally should not be changed from the default value.

## Compatibility Matrix

This release of APC-MDO supports versions of MDO and COE products listed in the Integration Compatibility Matrix, which is available on the Oracle support website.

## 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.

## Customer Support

<https://support.oracle.com>

When contacting Customer Support, please provide:

- 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

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