

Oracle® Retail Plan

Release Notes

Release 12.1.7

August 2008

Welcome to Oracle® Retail Plan Release 12.1.7.

This document highlights the enhancements and fixed defects included in this release. It also describes how you can upgrade to this release. It includes the following sections:

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What's New in this Release

The following enhancements have been included in Plan Release 12.1.7:

- The IR_PROMO_ATTR_ATTRIBUTE_MASK inference rule (IR) view has been updated. This IR view helps in defining the appropriate promotional attributes to use during a load process. Once you upgrade to Plan Release 12.1.7, for the data load processes to work accurately, you must update the Plan configuration repository to include this revision of the IR view.
- For carryover items, the Pack Optimization process now accepts styles and colors that do not have receipts. During the Pack Optimization process, such styles or colors (may be part of a style) immediately get marked with the status "D". After the pack optimization process, a warning message appears and lists the styles or colors without receipts.
- Plan now includes a new Load Missing Sales History (*pl_load_missing_weekly_history.sh*) script that helps you reload specific weeks of sales history for a single style or multiple styles. For more information, see [Loading Missing Sales History for Styles](#).

Before You Begin

In case you have the **AE Hot Fix 109** installed on the Plan Release 12.1.6 environment, you must connect to the application database, and run the following SQL commands before running the Plan Release 12.1.7 upgrade:

```
Insert into PL_Patch
(PatchId,PatchName,orderId,schemaId,schemarevision,runtimeduration,createdon,
createdby,patchstatus) select PL_PATCH_SEQ.NEXTVAL,'PLAN',PL_PATCH_
SEQ.NEXTVAL,12, 'PLAN_701',0,sysdate,USER,0 from dual
where not exists (select * from pl_patch where schemarevision = 'PLAN_701'
and patchstatus = 0)
and exists (select * from user_tab_columns WHERE table_name = 'PLAN_TBL' and
column_name = 'RDM_PUBLISH_DATE');
```

```
Insert into pl_patch_log
(select PatchId,PL_PATCH_LOG_SEQ.NEXTVAL, '' from PL_PATCH where
schemarevision = 'PLAN_701' and patchstatus = 0);
```

```
commit;
```

The AE Hot Fix 109 includes a new database column for *Last RDM Publish Date* which is also included with Plan Release 12.1.7. This may prevent the Release 12.1.7 upgrade to run successfully. These SQL commands ensure that the upgrade process does not try to create this database entry again.

Upgrading to Plan Release 12.1.7

Once you obtain the installation media, you must first set up the installation properties file for the upgrade, and then launch the Oracle Retail Installer. This section describes the steps you can use to upgrade to the Plan Release 12.1.7. It also lists the properties you must set for the upgrade.

Note: This release contains the files that were added or updated since Oracle Retail Plan Release 12.1.6. Before you upgrade to this release, ensure that you have the Plan Release 12.1.6 and all previous patches installed.

To upgrade to Plan Release 12.1.7:

Important: Before you start the upgrade, Oracle recommends that you back up the existing database.

1. In the Plan installation folder, set up the following parameters in the *install.properties* file:

Table 1 Set Up Parameters

| Parameter | Value |
|---------------------------------|-------|
| Audit Schema Properties | |
| database.auditdb.oracle.create | No |
| database.auditdb.oracle.upgrade | Yes |

Table 1 (Cont.) Set Up Parameters

| Parameter | Value |
|-------------------------------------------|-------|
| Common (Main) Schema Properties | |
| database.commondb.oracle.create | No |
| database.commondb.oracle.upgrade | Yes |
| Place Schema Properties | |
| database.placedb.oracle.create | No |
| database.placedb.oracle.upgrade | Yes |
| ELM Schema Properties | |
| database.elmdb.oracle.create | No |
| database.elmdb.oracle.upgrade | Yes |
| RDM Schema Properties | |
| database.rdmdb.oracle.create | No |
| database.rdmdb.oracle.upgrade | Yes |
| OPT Schema Properties | |
| database.dogwooddb.oracle.create | No |
| database.dogwooddb.oracle.upgrade | Yes |
| Merchant Desktop Schema Properties | |
| database.desktopdb.oracle.create | No |
| database.desktopdb.oracle.upgrade | Yes |

2. Launch the upgrade process in one of the following modes:

- Silent mode (non GUI)

To run the upgrade in the Silent mode, run the following command:

```
bash install.sh -s -p <path-to-install.properties>
```

- Graphical mode (using the Oracle installer)

To run the upgrade in the Graphical mode, run the following command:

```
bash install.sh
```

3. Once the upgrade is complete, restart the WebLogic server for the changes to take effect.

For more information on the `install.properties` parameters or the installation commands, refer to the chapter *Installing Plan* in the *Oracle Retail Plan Installation Guide*.

Loading Missing Sales History for Styles

The Load Missing Sales History (`pl_load_missing_weekly_history.sh`) script helps you reload specific weeks of sales history for a single style or multiple styles. This script processes all the styles present in a missing-weekly-sales datafile that

includes all SKUs with missing sales. The script gathers the relevant history data and inserts the data by SKU per Store per Week.

Important: Before running the script, ensure that:

- The missing-weekly-sales datafile does not have duplicate records and the entries have the same format as the weekly sales feed file.
 - The missing-weekly-sales datafile is available in the same location of this script.
 - The missing-weekly sales datafile includes all styles with missing sales. Any styles missed out must be included in the datafile scheduled to be processed next.
 - This script is scheduled to run before the next Weekly Sales Load process. Oracle recommends that the Load Missing Sales History script may not be scheduled to run during the week.
 - The environment customization file (*missingsales_env.sh*) includes the error threshold value for loading or staging data and the name of the missing-weekly-sales file. For more information, see [Setting Up the Environment Customization File](#).
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Setting Up the Environment Customization File

The environment customization file (*missingsales_env.sh*) includes parameters that you must set up for the Load Missing Sales History script to work accurately.

To set up the environment customization file, enter relevant values for the following parameters in the file:

| Parameter | Description |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FILENAME | The name of the missing-weekly-sales datafile. Ensure that the datafile is available at the same location where the script is stored. |
| LOGDIR | The location where you want to store the log file. You can set up a folder you want, and modify the value to point to the location. In case you want to retain the default value (<i>./log</i>), you must create a directory with the name <i>log</i> at the same location where the script is stored. |
| CONTROLFILE_DIR | The location where you want to store the database control file. |
| CONTROL_FILE | The name of the database control file that helps the script in staging data into the tables through the missing-weekly-sales datafile. |
| PL_BASE_DBCONN_USER | The user name to connect to the BASE database schema. |
| PL_BASE_DBCONN_PWD | The password (associated with the user name) to connect to the BASE database schema. |
| PL_BASE_DBCONN_ALIAS | The alias name for the BASE database schema. |
| PL_DBCONN_USER | The user name to connect to the ELM database schema. |
| PL_DBCONN_PWD | The password (associated with the user name) to connect to the ELM database schema. |
| PL_DBCONN_ALIAS | The alias name for the ELM database schema. |
| ERROR_THRESHOLD | The number of errors or invalid records you want to allow during the load process. Once the process is complete, you can review the log file for any issues. All error and invalid records get stored in the <i>misc_wk_hist_sales_inv_bad</i> database table. |

Loading Missing Sales History

To load the missing sales history:

1. Once you have the missing-weekly-sales file available, navigate to the following location in the Plan installation directory:

```
</Plan_installation>/modules/Datasets/AESample/DeployScripts/
```

2. Run the following command:

```
bash pl_load_missing_weekly_history.sh
```

Note: Oracle recommends that the missing weekly sales records be processed before the regular sales records.

Failover Script

In case the process aborts because of a network failure, once the systems are up, you must run the following script to resume the data load process:

```
pl_load_missing_sales_data_wkbywk.sh
```

This script resumes and completes the load process that got aborted. It ensures that the data is consistent by avoiding the need of cleaning the database and running the Load Sales History script again.

Post-Load Processes

Once the Load Sales History script completes processing all the entries in a file, the following processes run to make the data across the application consistent:

- Inseason Updater – includes the following processes:
 - Update Actual Instore Date
 - Update Active Flag
 - Update Future Receipts
 - Copy Actuals to AP and Need
 - Update DC Flag
 - Update Reforecast Flag
 - Update RDM Flag
- Update EOH for Applicable Items
- Update ASV Cache

Important: These post load processes run each time the script completes processing a missing-weekly-sales file.

Fixed Defects

The following issues have been fixed in Plan Release 12.1.7:

- **23969**

Business cases were identified where the receipt units for the AP segment did not add up correctly at the Style level (in the Assortment View).

Receipt units for the AP segment at the Color level now roll up at the Style level.

- **24315**

The RDM Refresh process took a long time to process the individual plans. This may have occurred because of the slow performing database queries that ran when the pack optimization information was updated to the RDM tables.

The RDM Refresh process now includes tuned database queries that alleviate this performance issue. The performance improvement will be more significant for large plans and less significant for small plans.

- **24804**

Business cases were identified where the Pack Optimization process failed for items that had many colors with a later instore dates than the style. During the process if the colors with later start dates were chosen first, the pack optimization process failed.

The order in which the colors are inserted for the Pack Optimization process has been updated in such a manner that the color with an earlier start date (than that of the style) is considered first.

- **24985**

The Plan Updater process failed while attempting to carry over an item. This occurred because of the flow dates being set at both the Style and Color level. Since the carryover items did not inherit the dates set at the Style level, there was an exception while trying to retrieve the parent planned item.

To avoid such exceptions, the Plan application has now includes the following changes:

- Carry over items now inherit the Out of Stock (OOS) dates from the Style level, if the date is not set at the Color level.
- Colors can no longer be carried over to the next plan, if the Style has not carried over.
- A validation ensures that the OOS dates for a Style and Color are always in sync. If a color has a blank OOS date set, the style will also have a blank OOS date.

- **25013**

After upgrading the database, the Beginning on Hand (BOH) and Ending on Hand (EOH) values did not appear in the AP and Need segments for inactive (pre-season) items. This may have occurred because of a missing procedure in the Catch Up script.

The Catch Up script now includes a new procedure that updates the EOH values for all the segments.

- **25454**

The Inseason Updater process failed for some carry over items. This error occurred because the same item in two plans (carryover) had different Setup Retail price. The application considered that the Setup Retail price be same across the plans.

The Plan application now uses the Setup Retail price from the plan being updated for a specific period.

- **25465**

New stores that were not eligible for the first month of an item's lifecycle did not get forecasted. Although users could plan for these stores by entering AP quantities for the store (on the Assortment View screen), the AP receipts for the store got assigned to the first week of the plan (or the first future week) instead of the first week of the lifecycle.

The Plan application now allows users to enter receipt quantities, there by planning items for stores that are eligible in the item's lifecycle.

- **25642**

Users received a system error and were unable to access the second plan, when the actual sales for items in the first plan were past the out date and end of plan period. The error occurred because of the expired merchandise with style/colors that were never received (late) continue to roll the AP receipts forward to the second plan.

The Carry Over view now filters out the expired merchandise. Users can now access second plan for items expired in the first plan, but with actuals in the second plan.

- **25649**

Users were unable to save the store flow for basic items with no Out of Stock dates (OOS). An error message appeared when saving a basic item without an OOS in the Store Flow tab.

The Plan application now allows users to save basic items without an OOS in the Store Flow tab.

Known Issues

This section lists the following known issues identified in this release:

- **24814**
The recovery mechanism within the Sales Load PL/SQL package does not work correctly. When a sales load script is restarted after a failure, the script is unable to resume from the point where the script failed.
- **25604**
Although the Plan application ensures that items with AP receipts and no planned sales cannot be submitted, in carried over plans, items with no planned receipts or sales can be submitted.
- **25874**
The Plan application crashes when users try running the Pack Optimization process for items with no packs selected in the Pack Configs screen.
- **25930**
On the Assortment View screen, the AP quantities entered at the color level do not reflect at the style level and users may need to enter the quantities manually.

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.

Customer Support

<https://metalink.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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