

# Oracle® Retail Advanced Inventory Planning

Release Notes

Release 13.2.4.2

July 2012

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This document highlights the major changes for Release 13.2.4.2 of Oracle Retail Advanced Inventory Planning (AIP).

## Noteworthy Defect Fixes

The following defect fixes and enhancements are included in AIP 13.2.4.2.

Number	Summary
ER 14199717	AIP enables Store Pallet Multiple Loading and can apply Load Value to any source.
Bug 14175236	The AIP SRP Evaluation workbook cannot be created.
Bug 14082623	Calculations for Net Inventory are incorrect.

## Enhancement Overview

Store Pallet Rounding occurs at the point when the Unconstrained Receipt Plan (URP) is calculated for a particular SKU/Store/Day. The current functionality limits the ability to round to a full pallet to warehouse sources.

Because pallet multiples are not defined for stores directly the value is inherited from the warehouse.

This enhancement addresses the need to vary pallet multiple by store destination. The enhancement also expands pallet rounding to be applicable when the store source is a supplier.

## Configuration

A new configuration is added to the SRP Implementation Parameters workbook (SRP Implementation Parameters - Scalar worksheet), **Store Cases per Pallet Override Indicator**. This indicator is a boolean value with a default value of *False*. The indicator is used to define when a user specified cases per pallet value should be used in place of a value calculated from warehouse source.

A new measure, **User Specified Cases per Pallet**, is created for a user specified *override*. It is editable and insertable by default but is not displayed in any workbooks. The measure has a SKU/Store intersection.

These new measures are described in the following table.

Measure Name	Label	Description	Type	NA Value	Intersection	Default Aggregation	Default Spread	Database
IpCPPOvrFlgI	Store Cases per Pallet Override Indicator	Indicates when Cases per Pallet is entered by a user for warehouse sources. The default value is <i>False</i> which indicates that the Cases per Pallet should be calculated from the warehouse pallet multiple. If the value is <i>True</i> , then the user must specify the value in order to round store orders to pallets.	Boolean	False	Scalar	Ambig	Repl	data/IpCPPOvrFlgI
IpCPPOvrI	User Specified Cases per Pallet	Holds the user entered store pallet multiple for store pallet rounding. The value is used for supplier sources or when the warehouse pallet multiple is not used.	Integer	0	str/sku	Ambig_pop	Repl	data/IpCPPOvrI

The following rules (for the batch and What-If URP calculations) have changed to include the two new measures:

- Replenish
- Reconcile
- stocklessToStoreReconcile
- substitutionReconcile
- inventoryCapping
- inventoryCappingPost
- intradayReplenish
- intradayReconcile
- intradayStocklessToStoreReconcile

## Calculations

For stores with Warehouse source:

- When the Store Cases per Pallet Override Indicator is *False*:  
Cases per Pallet is inherited from the warehouse pallet multiple for the SKU/store/ordering pack size. The inheritance logic is current functionality.
- When the Store Cases per Pallet Override Indicator is *True*:  
Cases per Pallet value is set to the User Specified Cases per Pallet value.

For stores with supplier sources:

- When the Cases per Pallet value is set to the User Specified Cases per Pallet value:  
The Cases per Pallet as previously calculated is used in the standard URP rounding and displayed to the user in the SRP workbooks.

## Scripts

The Dmconwhpalmul.sh script is updated to add the new inputs:

- -casesperbrdoverrideflag IpCPPOvrFlgI
- -casesperbrdoverride IpCPPOvrI

The dm0\_pszpalmlt\_i is no longer used and the input "-strpszpalmul dm0\_pszpalmlt\_i" is removed from the script.

## Binaries

This release includes these new binaries.

### Dmconwhpalmul

This DM binary outputs the measure Cases per Pallet (dmx\_csebrd\_i) and the logic has changed to incorporate the new override measures. The measures IpCPPOvrFlgI and IpCPPOvrI are read only measures using the arguments casesperbrdoverrideflag and casesperbrdoverride. The measure dm0\_pszpalmlt\_i is no longer needed to be output by this binary.

### libaip

The Cases per Pallet used in URP calculation have been modified to incorporate the new logic. The URP calculation which performs store pallet rounding will not change. If Cases per Pallet is zero ( 0) then no pallet rounding occurs, otherwise the existing pallet rounding calculation occurs leveraging the user specified Percent of Pallet threshold.

## Installing AIP-RPAS

The following sections describe how to install AIP-RPAS.

### Compatibility

This bundle hotfix is compatible with the following applications.

Supported Version	Release
RPAS	13.2.3.35
Configuration Tools	13.2.3.23
RPAS Classic Client	13.2.3.34
RPAS Fusion Client	13.2.3.34

### Before Installation

Prior to AIP-RPAS installation, complete the following steps.

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**Note:** Ensure this hotfix is being applied to an AIP 13.2.4.1 environment with RPAS 13.2.3.35 installed. If you have custom changes in AIP, merge your custom work into the hotfixed files provided prior to installation of the hotfix. This hotfix contains all the compiled binaries and libraries.

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1. Always back up your domains and \$RPAS\_HOME before installing this hotfix.
2. Download the new RPAS version 13.2.3.35 and install this version of RPAS before installing this hotfix.

### AIP-RPAS Installation Procedure

For AIP-RPAS installation, complete the following steps.

1. Unpack the installer zip file in your patches directory. This installer zip file includes patches for AIX 6.1, Linux, and Solaris platforms.
2. Ensure that the \$AIP\_INSTALL variable points to an appropriate operating system directory where rsp\_manager will unzip and untar the package files.
3. Back up your aip\_env\_rpas.sh script. This file is located in the \$RPAS\_HOME/bin directory and contains allowed user customizations for the environment. Do not overwrite these.
4. Verify that the paths in the file <path\_to\_AIP\_domain>/config/globaldomainconfig.xml are correct for the domain. Update the paths if necessary.
5. Go to your <path\_to\_patch\_directory>/aip folder and run the following script:  

```
./install.sh
```
6. Follow the prompts and select *Patch Install* when given the choice between Full and Patch installations.

7. Check the <timestamp>.rsp.log for any errors.
8. If there is no issue then run the following commands to ensure that AIP 13.2.4.2 installation is complete:  
Run domaininfo on the domain to check apptags. (domaininfo -d \$TEST\_AIPDOMAIN -apptag)  
Run "rpasversion -version" on an RPAS & an AIP library
  - \* rpasversion -version
  - \* rpasversion \$RPAS\_HOME/applib/libaip.soIf there are no issues, then the 13.2.4.2 AIP installation is complete.

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