

Oracle® Retail Back Office

Release Notes

Release 12.0.12

November 2012

Oracle Retail Back Office (ORBO) Release 12.0.12 is a patch release for ORBO 12.0. ORBO 12.0.12 includes selected defect fixes for ORBO 12.0 code.

Oracle Customer Support investigates submitted issues assuming that all released patches have been applied. It is the customer's decision when to apply a new release; however, delays in applying updates can complicate the support process.

About Patch Releases

Oracle Retail patch releases are periodic releases that can include the following:

- New defect fixes and product enhancements
- All of the defect fixes and enhancements that have been released through bundled hot fix releases since the last patch release

Note: Customers can choose whether to apply bundled hot fix releases, or wait for the next patch release. You must apply this patch release to upgrade your installation to the currently supported level:

- Customers who have applied all bundled hot fix releases must apply all new defect fixes and enhancements included in the patch release.
 - Customers who have not applied bundled hot fix releases can instead apply the patch release, which also includes the fixes and enhancements from the bundled hot fix releases.
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Documentation for patch releases includes the following:

- New and updated guides (for example, operations and user guides) that apply to the patch release level. These documents include all updates made since the last patch release. Documents revised for this patch release supersede and replace all previous document versions. See "[Related Documentation](#)" for a list of the documents published for ORBO 12.0.12.
- Defect reports for new fixes and enhancements for the patch release.
- Defect reports for all bundled hot fix releases since the last patch release.
- All document versions that were released with bundled hot fix releases.

Note: Documentation is separated into folders that are identified by release numbers. Documents for bundled hot fix releases are provided again as a historical record of the changes made since the last patch release. Always refer to the most recent document versions that apply to the release level you have installed.

See the *Oracle Retail Back Office Installation Guide* for Release 12.0.12 for instructions about how to install this release.

Hardware and Software Requirements

See the *Oracle Retail Back Office Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

Applying Source Code

Before applying the ORBO 12.0.12 patch release, be sure that:

- ORBO 12.0 has been installed
- ORBO patch releases through 12.0.11 have been applied

If you have applied ORBO bundled hot fix releases 12.0.11.1 through 12.0.11.5, you can apply just the new fixes and enhancements. If you have not applied any bundled hot fix releases, you can apply all fixes and enhancements by applying the ORBO 12.0.12 patch release. See "[About Patch Releases](#)."

Before applying the source files over your code:

- Note whether any modules have been customized. If so, the customizations must be reapplied to the new version of the module, or the fix may need to be applied to the custom version of the code.
- Copy the original files to a different directory before you copy over them, in case you need to refer to them at a later date.

Running Scripts

Back up data before running any script, because the scripts provided *do not* preserve data. See defect reports for details.

Check with your database administrator to determine whether your database should be analyzed after a script is run. In many cases, analysis of the database is necessary to take advantage of new or modified indexes intended to improve performance of the application.

Technical Enhancements

This section addresses the technical enhancements included in Oracle Retail Back Office, Release 12.0.12.

Note: The list below announces the addition of Oracle Retail support for the technology described. See the Installation Guide requirements section for critical information, such as whether the enhancement below *replaces* previous versions or is supported *in addition* to already existing versions.

Oracle Java 6

Oracle Retail Back Office Release 12.0.12 is supported for use with Oracle Java 6 or later within the Java 6 code line on the Oracle Stack.

Oracle Application Server 10g (10.1.3.5)

Oracle Retail Back Office Release 12.0.12 is supported for use with Oracle Application Server 10g (10.1.3.5) on the Oracle Stack.

Microsoft Windows 2008 Server

Oracle Retail Back Office Release 12.0.12 is supported for use with Microsoft Windows 2008 Server on the Oracle Stack.

Microsoft Internet Explorer 8

Oracle Retail Back Office Release 12.0.12 is supported for use with Microsoft Internet Explorer 8.

IBM Java 1.6

Oracle Retail Back Office Release 12.0.12 is supported for use with IBM Java 1.6 or later within the Java 1.6 code line on the IBM Stack.

SUSE Enterprise Linux Server 11 SP1

Oracle Retail Back Office Release 12.0.12 is supported for use with SUSE Enterprise Linux Server (SLES) 11 SP1 on the IBM Stack.

IBM DB2 9.7

Oracle Retail Back Office Release 12.0.12 is supported for use with IBM DB2 9.7 on the IBM Stack.

IBM WebSphere 7.0

Oracle Retail Back Office Release 12.0.12 is supported for use with IBM WebSphere 7.0 on the IBM Stack.

IBM WebSphere MQ 7.0.1

Oracle Retail Back Office Release 12.0.12 is supported for use with IBM WebSphere MQ 7.0.1 on the IBM Stack.

Defect Fixes and Documentation

A defect fix is a modification to the base Oracle Retail code (for example, a bug fix, a performance enhancement, or a functional enhancement). Each defect fix that is included in this patch has a corresponding defect report titled *<defect-number> <module>.PDF* (for example, 1234567.PDF).

The file **DEFECT MODULE XREF POS SUITE 12.0.12.XLS** lists the new defect fixes for Release 12.0.12, as well as those previously released in bundled hot fix releases 12.0.11.1 through 12.0.11.5. All of these are included in ORBO 12.0.12.

Review each defect report carefully before this patch is implemented. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

Known Issues

The following issues occur in this release.

Item Classes Not Defined by Data Import

After importing item information from Oracle Retail Merchandising System, the Available Classes and Assigned Classes menus are empty on the Item Maintenance screen.

As a workaround, the retailer must define the classes.

Customer Specific Pricing on Items Not Supported for Data Import

After importing item information from Oracle Retail Merchandising System, a preferred customer discount does not get applied to a sale. Customer pricing rules are not supported by Oracle Retail Merchandising System.

Data Import Failure

If an individual batch fails during a data import, there is no retry mechanism to import only the batch that failed. An administrator must resolve the issue that caused the batch failure and recreate the data that consisted of the failed batch.

If the integrity of the incoming data cannot be guaranteed as Data Import expects, it is possible to avoid rolling back valid data within a failed batch by adjusting the size of the import batches from the default size of 1000 to 1 by editing the `spring.properties` file and restarting the application server. Note that this resolution will have a negative impact on performance.

Integration with Oracle Retail Sales Audit

Oracle Retail Sales Audit only supports using one till per register per business day. The best way to ensure this is to use Register Accountability.

If you open more than one till, this causes the following error message in Oracle Retail Sales Audit:

```
Duplicate declaration: this total id has already been used by another transaction xxxxx.
```

Price Change Applied Before Start Date

Oracle Retail Point-of-Service only supports a physical deployment model where the Point-of-Service clients and in-store server are set to the same system time as the store database. If the in-store server and database are set to different system times, that is, the clock is not set correctly or they exist in different time zones, it is possible that items will ring with incorrect prices as prices change and discount rules are applied. This occurs because the Point-of-Service client relies on the system time of the store database.

Transaction Level Discounts

If you try to view the discount rule for a transaction level discount sent by Oracle Retail Price Management, a null pointer exception occurs. Transaction level discounts are handled correctly by Oracle Retail Point-of-Service and Oracle Retail Sales Audit.

Related Documentation

For more information, see the following document in the Oracle Retail Back Office Release 12.0.12 documentation set:

- *Oracle Retail Back Office Installation Guide*

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Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

- (i) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.
- (ii) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Mobile Store Inventory Management.
- (iii) the software component known as **Access Via™** licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.
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