Oracle Retail Merchandising System (RMS) Release 13.2.3.2 is a bundled hot fix release for RMS 13.2. RMS 13.2.3.2 includes selected defect fixes and enhancements for RMS 13.2 code.

Concurrent with this RMS bundled hot fix release is a bundled hot fix release for Oracle Retail Fiscal Management (ORFM). If you have installed ORFM to localize RMS for Brazil operations, also see “Brazil Localization and Oracle Retail Fiscal Management” for information about the ORFM 13.2.3.2 bundled hot fix release.

Oracle Customer Support investigates submitted issues assuming that all released updates 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 Bundled Hot Fix Releases

Oracle Retail bundled hot fix releases are the most frequent releases to update Oracle Retail applications. These releases typically contain only defect fixes; they may also include enhancements that address application performance or other issues. Bundled hot fix releases are of smaller scope than less-frequent patch releases, and they are intended to be easier and faster for the customer to install than major patch updates.

Each bundled hot fix release contains a unique set of defect fixes or enhancements. Note that bundled hot fix releases are not cumulative; that is, defect fixes from a previous bundled hot fix release are not also included in a later bundled hot fix release.

Bundled hot fix releases must be applied in sequential order. Before you can apply a new bundled hot fix release, you must first apply all previous bundled hot fix releases since the last patch release. The Release Notes for each Oracle Retail release identify whether a release is a bundled hot fix release or a patch release.

Periodic patch releases include all defect fixes that have been released through bundled hot fix releases since the last patch release. Patch releases may also include new defect fixes and enhancements that have not previously been included in any bundled hot fix release.
**Applying the Bundled Hot Fix Release**

Before applying the fixes included in the RMS 13.2.3.2 bundled hot fix release, be sure that:

- RMS 13.2 has been installed
- Patch releases RMS 13.2.1 through RMS 13.2.3 have been applied
- Bundled hot fix release RMS 13.2.3.1 has been applied

An installation guide is available at My Oracle Support; see "Related RMS Documentation.”

Before applying the new 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.

**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 release has a corresponding defect report titled `<defect-number> <module>.PDF` (for example, 12345678 addrb.PDF).

In the same folder, the file named DEFECT MODULE XREF RMS 13.2.3.2.XLS lists every defect number and the modules and scripts that are included in this release. Review each defect report carefully before implementing the defect fixes. Note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

**Noteworthy Defect Fixes**

The following defect fixes and enhancements are included in RMS 13.2.3.2. This is not a complete list; see the cross-reference spreadsheet and defect reports for a complete list and full details.

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>13341648</td>
<td>Summary of performance fixes.</td>
</tr>
<tr>
<td>13350567</td>
<td>VAT indicator changes in system options.</td>
</tr>
<tr>
<td>13397201</td>
<td>Summary of functional defect fixes from the development team.</td>
</tr>
</tbody>
</table>
Related RMS Documentation

For more information, see the following documents in the Oracle Retail Merchandising System Release 13.2.3.2 documentation set:

- Oracle Retail Merchandising System Data Model
- Oracle Retail Merchandising System Operations Guide, Volume 1
- Oracle Retail Merchandising System User Guide and online help

Supplemental RMS Documentation at My Oracle Support

The following document is available on the My Oracle Support Web site. Access My Oracle Support at the following URL:

https://support.oracle.com

Oracle Retail Merchandising System Bundled Hot Fix Release Installation Guide, Release 13.2 (ID 1377877.1)

The Oracle Retail Merchandising System Bundled Hot Fix Release Installation Guide contains instructions for installing RMS 13.2.x bundled hot fix releases using the rms_controller.ksh wrapper script. The wrapper script runs all of the files in the bundled hot fix release.
Brazil Localization and Oracle Retail Fiscal Management

**Note:** This section of the Release Notes applies only if you have localized RMS for Brazil operations by installing the Oracle Retail Fiscal Management (ORFM) module.

ORFM releases have the same identifiers as the RMS releases with which they are released and compatible; however, RMS releases do not always include ORFM updates. The *Oracle Retail Merchandising System Release Notes* include information about the concurrent ORFM release, if any.

An installation guide is available at My Oracle Support; see "Supplemental ORFM Documentation at My Oracle Support."

**Release History**

ORFM Release 13.2.3.2 is the first bundled hot fix release of the Oracle Retail Fiscal Management module. There was no ORFM 13.2.3.1 release. The most recent previous release of ORFM code was 13.2.3.

**Order of RMS and ORFM Installation**

Starting with the base RMS and ORFM 13.2 releases, the order of installation for all RMS and ORFM releases to date is as follows:

1. RMS 13.2 base release
2. ORFM 13.2 base release
3. RMS 13.2.1 patch release
4. ORFM 13.2.1 patch release
5. RMS 13.2.2 patch release
6. ORFM 13.2.2 patch release
7. RMS 13.2.3 patch release
8. ORFM 13.2.3 patch release
9. RMS 13.2.3.1 bundled hot fix release
10. RMS 13.2.3.2 bundled hot fix release
11. ORFM 13.2.3.2 bundled hot fix release

Installation errors can occur if the releases are not applied in this order.

Start from the current release levels that you have installed and proceed with the remaining installations in order. For example, if you have already installed ORFM 13.2.3 and RMS 13.2.3.1, you only need to install the 13.2.3.2 releases.
Technical Enhancements
The following are technical enhancements for ORFM 13.2.3.2.

Retail Tax Integration Layer (RTIL) Performance
In Release 13.2.3.2, RMS and ORFM integration with RTIL, and RTIL integration with TaxWeb Tax Rules, have been further redesigned to improve performance of high-volume requests.

The performance enhancements are primarily in the following areas:

- Introduction of concurrent processing in RTIL, which allows a high-volume request to be split into multiple logical chunks. Each chunk is processed in parallel, by initiating independent tax transactions with TaxWeb Tax Rules and aggregating responses.
- Changes in the tax object data model to support logical chunks.

Defect Fixes
The following defect fixes and enhancements are included in ORFM 13.2.3.2. See the defect reports and the defect/module cross-reference file DEFECT MODULE XREF ORFM 13.2.3.2.XLS for details.

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>13034157</td>
<td>RMA: Unit cost calculated incorrectly on the NF screen.</td>
</tr>
<tr>
<td>13341660</td>
<td>Summary of other defect fixes to ORFM.</td>
</tr>
</tbody>
</table>

Related ORFM Documentation
For more information, see the following documents in the Oracle Retail Fiscal Management Release 13.2.3.2 documentation set:

- Oracle Retail Fiscal Management Data Model
- Oracle Retail Fiscal Management/RMS Brazil Localization Implementation Guide

Supplemental ORFM Documentation at My Oracle Support
The following document is available on the My Oracle Support Web site. Access My Oracle Support at the following URL:
https://support.oracle.com

Oracle Oracle Retail Fiscal Management and Brazil Localization Bundled Hot Fix Release Installation Guide, Release 13.2 (ID 1387840.1)
The Oracle Retail Fiscal Management and Brazil Localization Bundled Hot Fix Release Installation Guide contains instructions for manually installing ORFM 13.2.x bundled hot fix releases.
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Value-Added Reseller (VAR) Language

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(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.

(iv) the software component known as Adobe Flex™ licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

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