

Oracle Retail Data Extractor

Release Notes

Release 17.0.001.9

F14061-01

January 2019

This document highlights the major changes for this release of Oracle Retail Data Extractor.

Note: The non-sequential version number of this Oracle Retail application is intentional.

Overview

Oracle Retail Data Extractor (ORDE) provides data extraction capabilities for sourcing data from various Oracle Retail application data sources into a flat file format that facilitates loading into the Oracle Retail Insights family of analytic applications.

The primary characteristics of the Oracle Retail Data Extractor are:

- **Source Integration Solution:** The Retail Data Extractor provides data integration with source applications such as Oracle Retail Merchandising Foundation Cloud Service.
- **Performant ETL Code:** The Retail Data Extractor data processing tool, Oracle Data Integrator (ODI), offers high performance for the database batch processes on an Oracle database.
- **Extensibility:** The Retail Data Extractor ETL code can be customized and extended for client-specific needs.

Oracle Retail Cloud Services and Business Agility

Oracle Retail Cloud Service is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

Release 17.0.001.9

The following information highlights the major changes for Release 17.0.001.9 of Oracle Retail Data Extractor.

Batch Schedule Changes

The RMS batch schedule for RDE has been modified for two added jobs that will execute as part of the nightly batch cycle:

Table 1 17.0.001.9 Batch Schedule Changes

Job Name	Description	RMS Batch
RDE_DSCTYPSDE_JOB	Extract Discount Type Information	dsctypsde.ksh
RDE_RTLUASDE_W_RTL_DISCOUNT_TYPE_DS_JOB	Exports data from the W_RTL_DISCOUNT_TYPE_DS staging table to a flat file.	rtluasde.ksh

These changes have been included in the 16.0.028.16 hotfix version of RMS. If upgrading RMS without RDE, then these jobs MUST be disabled manually before running any nightly batches.

Functional Enhancements

The functional enhancements below are included in this release.

Sales Discounts

The sales discount type code and associated descriptions are now loaded from RMS for use in RI sales discount reporting. The RDE jobs listed above are used to capture the discount type dimension. Additional key values have been added to the sales discount integration to capture the promotion details and employee details associated with sales discounts in the RDWT file.

Salesperson and Cashier IDs

Salesperson and cashier numbers associated with sales transactions on the RDWT file are now being captured in RDE and sent to RI for reporting.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 2 17.0.001.9 Defect Fixes

Defect	Defect Number
Integration ID could be larger than supported column size on Item Image table	29135093
Unique default values should be used for Promo and Promo Comp ID	29179389

Release 17.0.001.8

The following information highlights the major changes for Release 17.0.001.8 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 3 17.0.001.8 Defect Fixes

Defect	Defect Number
Purchase Order integration needs to consider currency conversion based on order currency and receiving locations	28906738

Release 17.0.001.7

The following information highlights the major changes for Release 17.0.001.7 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 4 17.0.001.7 Defect Fixes

Defect	Defect Number
RDE can't handle Retail Type = null when Department populated on sales transaction data	28900721

Release 17.0.001.6

The following information highlights the major changes for Release 17.0.001.6 of Oracle Retail Data Extractor.

Functional Enhancements

The functional enhancements below are included in this release.

Price Zone Integration

RDE now loads Price Zone information from RPM, and sends it to Store Cluster staging tables in RI for use in reporting.

Stock Count Integration

RDE now loads Stock Count snapshots and physical counts from RMS table STAKE_SKU_LOC and sends the fact data to RI for reporting. This data must be used in conjunction with the Stock Count dimension interface in RI, both interfaces should be populated as part of the same batch runs.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 5 17.0.001.6 Defect Fixes

Defect	Defect Number
The Coupon Ref Number field on XTERN_RDWT should be Char instead of Number	28691327

Release 17.0.001.5

The following information highlights the major changes for Release 17.0.001.5 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 6 17.0.001.5 Defect Fixes

Defect	Defect Number
PO location should come from ORDLOC	28872034
Load RMS warehouse association to organization hierarchy	28944904
Unavailable inventory data is getting rejected due to IF_TRAN_DATA changes	28788825

Release 17.0.001

The following information highlights the major changes for Release 17.0.001 of Oracle Retail Data Extractor.

ODI Tech Stack Upgrade

ODI Tech Stack has been upgraded from 12.2.1.2.0 to 12.2.1.3.0 for RDE in this release. Release notes for ODI 12.2.1.3 are available here:

<https://docs.oracle.com/middleware/12213/odi/release-notes/ODIRN.pdf>

Functional Enhancements

The functional enhancements below are included in this release.

Item Diff Aggregates

Retail Insights now creates an internal level between Item Level 1 and Item Level 2, which aligns with the Oracle Retail Merchandising System (RMS) concept of item diff aggregates. This level is constructed using the combination of differentiators selected as aggregates in RMS. For example, if Item Level 1 represents a Style and the item diff aggregate is Color, then reporting on the Item Diff Aggregate level is equivalent to Style/Color.

To achieve this functionality, the interface in ORDE has been enhanced to extract the Item-Diff relationship from RMS.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 7 17.0.001 Defect Fixes

Defect	Defect Number
RESA2RDE.KSH Should fail if no rdwt/rdwf files are found from RMS	27573141
Item Diff AggregationItem Diff Aggregation	27458322
Return Transactions Enhancement For Original Transaction Id	26933589
J2EE agent related changes for ORDE	27524277
Add Revision Date Attribute To Purchase Order Dimension	27551852

Release 16.0.106

The following information highlights the major changes for Release 16.0.106 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 8 16.0.106 Defect Fixes

Defect	Defect Number
Base cost load is able to get data for unapproved items.	27125254
Inventory transfer fact needs to support currency conversions for from location, reporting on total transfers by location.	27282853

Release 16.0.105

The following information highlights the major changes for Release 16.0.105 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 9 16.0.105 Defect Fixes

Defect	Defect Number
Return tender amounts are not captured correctly by RDE	26631807
Coupon dimension status not captured to C_LOAD_DATES	26694486
Secondary supplier name was not loaded by RDE	26662108

Release 16.0.104

The following information highlights the major changes for Release 16.0.104 of Oracle Retail Data Extractor.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 10 16.0.104 Defect Fixes

Defect	Defect Number
VDATE failure for carriage return validation.	26737975

Release 16.0.103

The following information highlights the major changes for Release 16.0.103 of Oracle Retail Data Extractor.

Functional Enhancements

The functional enhancements below are included in this release.

Item Season Phase Functionality

The interface has been enhanced to extract the Item-Season-Phase relationship from RMS. Previously this was limited to Item-Season relationships.

Configurable End of Record Delimiter for Data Interfaces

RDE has been enhanced to utilize a configurable end-of-record delimiter to indicate the end of the record. This can be configured as one of the application parameters (carriage return is the default value). The job to construct sql*loader source flat files should be able to handle the configurable end-of-record parameter in order to construct correct flat files.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 11 16.0.103 Defect Fixes

Defect	Defect Number
On Order Cost appearing blank when order header location is blank.	26559961
For Purchase Orders, REV_DATE > VDATE is not flowing into RI.	26498123
On Order Qty is not updated when ordered quantity is cancelled	26520621
Missing RDE files are causing batch to fail.	26360291
Unavailable inventory not extracted accurately.	26478196

Release 16.0.102

The following information highlights the major changes for Release 16.0.102 of Oracle Retail Data Extractor.

Functional Enhancements

The functional enhancements below are included in this release.

Unavailable Inventory Integration

- Unavailable inventory refers to inventory held at a location which cannot be sold to customers. This could be due to a variety of reasons, such as damaged goods, pending returns to vendor, or any other code used in RMS. This information is captured at two levels in RMS:
 - Current unavailable inventory by status code is written to INV_STATUS_QTY.QTY
 - Daily rollups of all unavailable inventory are written to ITEM_LOC_SOH.NON_SELLABLE_QTY
- This data will be extracted from RMS via newly added Retail Data Extractor programs.

Defect Fixes

The following are the noteworthy defect fixes for this release.

Table 12 16.0.102 Defect Fixes

Defect	Defect Number
Purchase orders without Buyer are not getting into the RDE POORD View.	26189706
RDWT files are not getting archived, due to which every run of RDE is generating sales file for RI with prior dates.	26269115
Files missing in RDE Zip that are required by RI.	26108642

Release 16.0.101

The following information highlights the major changes for Release 16.0.101 of Oracle Retail Data Extractor.

Functional Enhancements

The functional enhancements below are included in this release.

Inventory Receipts

Inventory receipts can be analyzed by the Tran Code attribute to distinguish between PO receipts and inventory receipts due to Transfers and allocation.

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