

Oracle® Retail Demand Forecasting Cloud Service

Release Notes

Release 16.0.1

May 2017

This document introduces Oracle Retail Demand Forecasting Cloud Service 16.0.1.

RDF Cloud Service Overview

Oracle Retail Demand Forecasting (RDF) Cloud Service is a statistical and promotional forecasting solution. It uses state-of-the-art modeling techniques to produce high quality forecasts with minimal human intervention. Forecasts produced by the Demand Forecasting system enhance the retailer's supply chain planning, allocation, and replenishment processes, enabling a profitable and customer-oriented approach to predicting and meeting product demand.

Note: Because RDF uses the Oracle Retail Predictive Application Server (RPAS) platform, Oracle Retail recommends that you review the *Oracle Retail Predictive Application Server Release Notes* for fixed and known issues that may affect RDF.

Oracle Retail Cloud Services and Business Agility

Oracle Retail Demand Forecasting (RDF) 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.

Client System Requirements

The following technology is supported:

- Operating system:
 - Microsoft Windows 7 or 10

Note: Oracle Retail assumes that the retailer has ensured its Operating System has been patched with all applicable Windows updates.

- Web browsers supported on Microsoft Windows 7 and 10:
 - Microsoft Internet Explorer 11
 - Mozilla Firefox 45 ESR
 - Google Chrome 48+

Note: All browsers must have Adobe Flash Player 11.0 (or later).

Noteworthy Defect Fixes

The following table contains issues that have been fixed for the current release.

Affected Component	Fixed Issue/Defect	Defect Number
Forecast Generation	For a final level without a grouping source level, the group assignment measure should be empty. If not, forecast generation fails. This issue has been addressed.	25114497
Workbook	The Profile Maintenance workbook does not have refresh rules. This issue has been resolved by adding refresh rules.	25120247
Forecast Generation	In daily causal, the causal spreading profile is not used by the engine. This issue has been resolved by passing the profile to the forecast engine	25230750
Forecast Generation	The forecast generation generates a core dump if the generate binary is not run inside each local domain. This issue has been addressed by gracefully exiting with an error message if generate is not run in the domain.	25349000
Workbook	Currently in the FAP workbook, when a user runs the approve forecast custom menu, the message displays as, <i>The forecast was approved and committed</i> . This is misleading since no commit actually happens. The message was changed and displays as, <i>The forecast was approved</i> .	25425640
Forecast Generation	When the baseline forecast is zero, no lifts units are calculated. This issue has been addressed.	25431612
Forecast Generation	If the forecast end date override is set to a date beyond the last date in the calendar, the system forecast is all zeros. This issue has been resolved by writing out the forecast for up to and including the last date in the calendar loaded in RDF.	25487514

Affected Component	Fixed Issue/Defect	Defect Number
Patching	Upgrading a RDF domain from 15.0.1 to 15.0.2 may fail. The reason is that token measures are not patched. This issue has been resolved by registering token measures when patching if they do not already exist in the domain.	25528731
Forecast Generation	When the forecast start date override is changed such that the forecast end date is outside the calendar that is loaded in RDF, then parts of the batch fail. This issue has been resolved by creating a forecast to the last date of the calendar loaded in RDF	25757916
Forecast Generation	In some instances, AutoES picks a method that creates a flat forecast, when the demand is seasonal. AutoES is enhanced to allow Winters to perform a year over year correlation of the sales. If the correlation is high, the penalty for choosing Winters is lowered, thus increasing the chances for the seasonal methods to be picked	25778482
Batch	Forecast generation fails if the start date is after the end date. The forecast expression is enhanced to handle cases when end date is before start date.	25800610

Known Issues

The following table contains issues that have been identified for the current release.

Affected Component	Known Issue/Defect	Defect Number
Translation Files	There may be issues when loading translated strings into RDF.	20923721

Related Documentation

For more information, see the following documents in the Oracle Retail Demand Forecasting Cloud Service Release 16.0.1 documentation set:

- *Oracle Retail Demand Forecasting Cloud Service Starter Kit*
- *Oracle Retail Demand Forecasting Cloud Service Release Notes*
- Oracle Retail Predictive Application Server documentation

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