

Oracle® Retail Service Backbone (RSB)

Release Notes

Release 15.0

E69273-01

December 2015

This document highlights the major changes for Release 15.0 of Oracle Retail Service Backbone (RSB).

Overview

Common integration patterns used for interoperability of the applications include asynchronous messaging (fire and forget), request response, and bulk data transfer. In Oracle Retail, Retail Integration Bus (RIB) is used for asynchronous messaging and ODI is used for bulk data transfer. Retail Service Backbone (RSB) uses the request-response style of Enterprise Integration in Oracle Retail. RSB uses Web services as the mechanism for the request/reply style of integration. RSB products include pre-built services and flows and the integration API end points for all of the Oracle Retail Application's Web services and the Enterprise Solution Web service integration points and contracts for external application to connect to as part of the Solution business processing. RSB is an uptake of Oracle Service Bus (OSB) for Retail domain.

Both RSB and RIB use Retail Business Object (RBO) for the messages. This ensures consistency and interoperability between the integration patterns. In addition to this, there are common tools like Retail SOA Enabler (RSE), Retail Integration Console (RIC) that work with both styles of integration products.

In other words, Oracle Retail Service Backbone (RSB) is a product comprising of a set of Web services, ESB and security tools that standardize the deployment and runtime of Web service flows within Oracle Retail Suite of applications.

RSB can also be viewed as a set of pre-built Web service integration API end points delivered by Oracle Retail.

Hardware and Software Requirements

See the *Oracle Retail Service Backbone (RSB) Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

Functional Enhancements

The following functional enhancement is included in this release:

Integration RBO Changes

A significant number of RBOs were updated in this release.

Technical Enhancements

This section addresses the technical enhancements included in Oracle Retail Service Backbone Release 15.0.

RIC Isolation

RIC has been separated from RSB since it is used as an independent application for both RSB and RIB. The RSB home is re-factored to deploy only decorators. The *Oracle Retail Integration Guide* is moved from RSB home to RIC home.

Database Server Support

Oracle Retail Service Backbone Release 15.0 is supported for use with the following database server:

- Oracle Database Enterprise Edition 12c (12.1.0.2)

Fusion Middleware Support

Oracle Retail Service Backbone Release 15.0 is supported for use with the following version of Oracle Fusion Middleware:

- Oracle Fusion Middleware 12c (12.1.3)

Known Issues

The following known issue exists in this release:

Table 1 *Known Issues*

Defect Description	Defect Number
Policy B with WebLogic Policy on client and OWSM Policy on server does not work due to a WebLogic issue.	21840428

Related Documentation

For more information, see the following documents in the Oracle Retail Service Backbone (RSB), Release 15.0 documentation set:

- *Oracle Retail Service Backbone (RSB) Developers Guide*
- *Oracle Retail Service Backbone (RSB) Installation Guide*
- *Oracle Retail Service Backbone (RSB) Implementation Guide*
- *Oracle Retail Service Backbone (RSB) Security Guide*
- *Oracle Retail Integration Console (RIC) User Guide*

Supplemental Training on 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>

Transfer of Information (TOI) Material (ID 732026.1)

Online training is available to Oracle supported customers at product release. These online courses provide release-specific product knowledge that enables your functional and technical teams to plan, implement and/or upgrade and support Oracle Retail applications effectively and efficiently.

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Oracle® Retail Service Backbone (RSB), Release Notes, Release 15.0

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