

Oracle® Retail Service Backbone (RSB)

Release Notes

Release 14.1.3.2

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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

Technical Enhancements

This section addresses the technical enhancements included in Oracle Retail Service Backbone (RSB) Release 14.1.3.2.

- Upgrade of Weblogic server to 12.2.1.4 and Database to 19c.
- JDK version is 8.

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