



BEA AquaLogic Service Registry™

Release Notes

Version 2.0.1
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BEA AquaLogic Service Registry Release Notes

BEA AquaLogic Service Registry Release: 2.0.1
Date: January 2006

Table 1 Document Revision History

Revision Date	Description
January, 2006	Release of AquaLogic Service Bus 2.0.1—see “ About AquaLogic Service Registry 2.0.1 ” on page 3
September, 2005	Release of AquaLogic Service Bus 2.0 software

This document includes the following topics:

- [About This Release of BEA AquaLogic Service Registry](#)
- [Supported Configurations and System Requirements](#)

For the latest release note information for AquaLogic Service Bus and other BEA products, go to the BEA documentation Web site at the following URL:

<http://e-docs.bea.com>

About This Release of BEA AquaLogic Service Registry

BEA AquaLogic Service Registry™ is a fully v3-compliant implementation of UDDI (Universal Description, Discovery and Integration), and is a key component of a Service Oriented Architecture (SOA). It is an easy-to-use, standards-based mechanism for publishing and discovering Web services and related SOA resources such as WSDL, XML Schemas, and XSLT transformations.

BEA AquaLogic Service Registry supports the business services lifecycle with a configurable Business Service Console. Services are enabled using mappings of SOA resources, and are easily published using wizards. Design efforts and runtime discovery are facilitated by a secure interface to browse service information, change notification, and standard UDDI data access. Service management features include replication, the mapping of Quality of Service (QoS) information, and advanced business service classification. For SOA governance, it provides core and lifecycle services, including the industry's strongest support for security and approval processes. The console also has advanced functionality for security, scalability, and reliability.

BEA AquaLogic Service Registry has been designed specifically for enterprise deployment and includes many advanced features that ease configuration, deployment, management and security. BEA AquaLogic Service Registry is also easy to customize to support different enterprise user communities.

- BEA AquaLogic Service Registry fully implements the OASIS UDDI V3 standard, and provides unique extensions to support enterprise applications.
- All popular database environments are supported for storing registrations: Oracle, MS SQL Server, Sybase, IBM DB/2, PostgreSQL, HSQL, etc.
- Advanced Security allows granular access control for registered components. A component publisher can specify find, get, modify and delete access permissions for every published object.
- Data Accuracy & Quality enforcement mechanisms ensure that component registrations are accurate and up-to-date. BEA AquaLogic Service Registry clearly defines responsibility for every registered component. It offers component promotion and approval mechanisms for promoting components between development, QA and production environments.
- Subscription & Notification services automatically alert registry users about changes to components.
- Selective Replication among multiple registries allows for automated propagation between different registries (for example, between internal and external registries).

- Advanced Taxonomy Management enforces well-defined taxonomies.
- Powerful Management provides for granular control, logging and auditing of the publishing and discovery processes.
- Performance & Scalability is achieved with an efficient Web services stack and database algorithms, and support for a load balancing and clustering mechanism.

BEA AquaLogic Service Registry is a platform-independent solution that is easily deployed in a wide variety of settings. It can run either standalone or within an application server. Many application servers are supported including Tomcat, BEA WebLogic Server, IBM Websphere, and JBoss. BEA AquaLogic Service Registry integrates with both LDAP and Microsoft ActiveDirectory.

About AquaLogic Service Registry 2.0.1

AquaLogic Service Registry 2.0.1 is a service pack released to extend the AquaLogic Service Registry Business Service Console's interface so that it can display Keyed Reference Group entities under the Reports section and on the entity details page, in a manner consistent with proxy services published into AquaLogic Service Registry from BEA AquaLogic Service Bus.

Supported Configurations and System Requirements

The following lists the BEA supported configurations for AquaLogic Service Registry 2.0.1. This list is in addition to any supported configurations in the product documentation.

Operating System and Hardware

- RedHat Enterprise Linux 2.1 ES on x86
- Solaris 9 on SPARC
- Windows 2000 on x86
- Windows 2003 Server on x86
- Windows XP on x86

JDK

- BEA JRockit 1.4.2, 5.0
- Sun JDK 1.5, 1.4.2_07
- IBM Java 1.4

Databases

- Oracle 8.1.6 and later, 9.i, 10.g
- Microsoft SQL Server 2000
- DB2 8.X
- PostgreSQL 7.4
- Sybase ASE 12.5
- HSQL 1.7.3

LDAP

- Sun One Directory Server 5.2
- Microsoft Active Directory (Windows 2003 Server)

Deployment Options

- Standalone Server
- Application Servers: BEA WebLogic 8.X, 9.0

Browsers

- Microsoft Internet Explorer 5.5/6.0
- Firefox 1.0

BEA provides full support for the above configurations only. We are continuously working to provide support for more configurations. Please contact your sales representative for information about configurations not listed in this table.