



BEA AquaLogic Service Registry™

Release Notes

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BEA AquaLogic Service Registry Release Notes

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- [About BEA AquaLogic Service Registry](#)
- [What's New in BEA AquaLogic Service Registry 2.1?](#)
- [Supported Configurations and System Requirements](#)
- [Known Limitations and Workarounds](#)

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

<http://e-docs.bea.com/alsr/docs21/index.html>

About 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 supports a 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 life cycle with a configurable Business Service Console. Services are enabled using mappings of SOA resources, and are easily published using wizards. Design efforts and run-time discovery are facilitated by a secure interface to browse service information, change notification, and standard UDDI data access.

BEA AquaLogic Service Registry has been designed specifically for enterprise deployment and includes 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.
- Popular database environments are supported—see [“Supported Configurations and System Requirements” on page 3](#).
- 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. 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 mechanisms.

What’s New in BEA AquaLogic Service Registry 2.1?

BEA AquaLogic Service Registry 2.1 provides the following new and improved functionality:

- Enhancements are provided for the Business Service Console (BSC) user interface:
 - Ability to search data structures
 - Improved navigation through the Business Service Console

- Ability to hide the left-hand side of the navigation panel of the Catalog and Reports tabs with a mouse click or using Alt-Q
- Introduction of a new **System Info** tab

The **System Info** tab helps when viewing entity details, providing data about the owner of an entity, the UDDI keys, and their creation and modification dates.
- Ability to customize the entity types

This helps the administrator to define a new entity, based on a UDDI entity type and a specific categorization.
- Support for easy viewing of references between entities
- Configurable search options

This helps the administrator to define a search dialog for an entity type by changing the appropriate categorization
- Ability to publish WSDLs stored in a Web server requiring HTTP Basic authentication
- Improvement in the approval process when publishing an entity
- Integration of BEA licensing mechanism
- BEA branded installers, user interfaces, and console

For more information, see *Read This First* in [Using AquaLogic Service Registry User Guides](#).

Supported Configurations and System Requirements

The following lists the BEA supported configurations for AquaLogic Service Registry 2.1.

Operating System and Hardware

- RedHat Enterprise Linux 2.1, 3.0 and 4.0 AS, ES and WS on x86
- Solaris 9 and 10 on SPARC and x86
- Windows 2000, XP and 2003 Server on x86
- HP-UX 11, 11i and 11iv2 on PA-RISC
- SUSE Linux Enterprise Server 9 on x86
- AIX 5.3 ML3 on Power5

JDK

- BEA JRockit 1.4.2, 5.0
- Sun JDK 1.4.2, 1.5
- IBM JVM 1.4, 1.5

Databases

- Oracle 9.2 and 10
- 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, Release 2)

Deployment Options

- BEA WebLogic 8.x, 9.1

Browsers

- Microsoft Internet Explorer 5.5/6.x
- Mozilla 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 section.

Known Limitations and Workarounds

Problem ID	Description
CR263702	When you delete an AquaLogic Service Bus-based proxy service definition from AquaLogic Service Registry 2.1, the user interface includes one or more check boxes, which prompt you to confirm that you want to delete the <i>bindings and interfaces</i> associated with that proxy service. By default, all the associated bindings and interfaces are selected for deletion, as shown in Figure 1. This includes the <code>uddi-org:http</code> system component. If you perform this operation with the <code>uddi-org:http</code> component selected, it will be deleted, and publication of new AquaLogic Service Registry-based proxy services will fail. Workaround: Uncheck the checkbox for the <code>uddi-org:http</code> component. Leave the other components selected.

Figure 1 Business Service Console Page Displaying Options to Delete Bindings and Settings Related to an AquaLogic Service Bus Proxy Service



