BEA AquaLogic Service Bus™

Interoperability Solutions for WebLogic Platform

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Interoperability with WebLogic Platform

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AquaLogic Service Bus Interoperability with WebLogic 8.1 Domains

When your scenario requires interoperability between an AquaLogic Service Bus domain and a BEA WebLogic Platform 8.1 domain, you must set up your AquaLogic Service Bus domain as follows:

1. Apply any patches required for WebLogic Platform 8.1 domains. For the latest information about patches, see "Known Limitations" in the *BEA AquaLogic Service Bus Release Notes*.

2. Establish domain trust between all WebLogic Server domains participating in the transaction.

   For information about how to do so, see "Enabling Trust Between WebLogic Server Domains" in Configuring Security for a WebLogic Domain in *Securing WebLogic Server*.

3. Ensure that you set the **Security Interoperability Mode** attribute in the WebLogic Server Administration Console to **compatibility**.

   The **Security Interoperability Mode** attribute specifies the security mode to use for XA calls in cross-domain transactions. You can set this attribute on the WebLogic Server Administration Console from either the domain-wide security settings or from the Java Transaction API (JTA) configuration page for the WebLogic Server domain. For more information, see Domain: Security: General and Domains: Configuration: JTA in the *WebLogic Server Administration Console Online Help*.

4. Use different listening ports for the AquaLogic Service Bus and WebLogic 8.1 domains. Also, ensure that the Debug and Pointbase ports are different (you can check the `db.properties`

file to determine which ports are specified). Both AquaLogic Service Bus and WebLogic 8.1 domains are initally set up with default ports, which may conflict if they not changed.

AquaLogic Service Bus Interoperability with WebLogic 7.0 Domains

AquaLogic Service Bus is not certified to interoperate with WebLogic Platform 7.0.

Guidelines for Naming WebLogic Domains and Servers

For information about naming WebLogic domains and servers, see AquaLogic Service Bus Interoperability Solutions for JMS.

Related Topics

For AquaLogic Service Bus use cases, including use cases that involve interoperability between WebLogic Domains, see Modeling Message Flow in AquaLogic Service Bus in the *BEA AquaLogic Service Bus User Guide*.