



BEA AquaLogic® Interaction WSRP Consumer

Installation Guide

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Welcome to the AquaLogic Interaction WSRP Consumer

This book describes how to install and deploy AquaLogic Interaction WSRP Consumer 1.1. It also provides instructions for upgrading to WSRP Consumer 1.1 from earlier versions.

The AquaLogic Interaction WSRP Consumer allows you to embed WSRP-portlets in AquaLogic User Interaction Web applications. The WSRP Consumer acts as the intermediary between the portal and the raw WSRP portlet, known as the WSRP producer. The WSRP Consumer can run on the same platform as the producer, on the portal, or on a middle tier between the portal and the WSRP producers. This allows you flexibility in scaling the portal deployment to many business units, each with their own portlets.

How to Use This Book

This guide has been designed to be a quick reference for users with installation experience, while also providing detailed instructions for users installing for the first time.

Audience

This guide is written for the user responsible for installing or upgrading WSRP Consumer. This user must have strong knowledge of the platform operating system, database, web and application servers, and any other third-party software required for installation.

Organization

This guide includes the following chapters:

- This chapter provides information on how to use this guide and describes other resources available to help install, deploy, upgrade, WSRP Consumer.
- [Chapter 2, “Installation Prerequisites”](#) provides hardware and software requirements, as well as environmental and third-party software prerequisites. You must read this chapter and meet the prerequisites prior to proceeding to the installation or upgrade.
- [Chapter 3, “Installation”](#) provides detailed instructions for installing and configuring WSRP Consumer.
- [Chapter 4, “AquaLogic Interaction and the WSRP Consumer”](#) provides instructions for creating and configuring a WSRP portlet in AquaLogic Interaction Portal.

Note: There is no upgrade path from WSRP Consumer 1.0 to 1.1. For details, see the beginning of [Chapter 3, “Installation.”](#)

Typographical Conventions

This book uses the following typographical conventions.

Table 1-1 Typographical Conventions

Convention	Typeface	Examples/Notes
<ul style="list-style-type: none">• Items you need to take action on (such as files or screen elements)	bold	<ul style="list-style-type: none">• Upload Procedures.doc to the portal.• To save your changes, click Apply Changes.
<ul style="list-style-type: none">• User-defined variables• New terms• Emphasis• Object example names	<i>italic</i>	<ul style="list-style-type: none">• The migration package file is located in <i>install_dir</i>\serverpackages.• <i>Portlets</i> are Web tools embedded in your portal.• The URI <i>must</i> be a unique number.• The example Knowledge Directory displayed in Figure 5 shows the <i>Human Resources</i> folder.

Table 1-1 Typographical Conventions

Convention	Typeface	Examples/Notes
<ul style="list-style-type: none"> Text you enter Computer generated text (such as error messages) Code samples 	computer	<ul style="list-style-type: none"> Type Marketing as the name of your community. This script may generate the following error: ORA-00942 table or view does not exist Example: <pre><setting name="SSOCookieIsSecure"> <value xsi:type="xsd:integer">0</value> </setting></pre>
<ul style="list-style-type: none"> Environment variables 	ALL_CAPS	<ul style="list-style-type: none"> The default location of BEA_HOME is C:\bea.

BEA Documentation and Resources

This section describes other documentation and resources provided by BEA.

Table 1-2 BEA Documentation and Resources

Resource	Description
Installation Guide	<p>This guide describes the prerequisites (such as required software) and procedures for installing AquaLogic Interaction WSRP Consumer.</p> <p>It is available on edocs.bea.com/alui/devtools/wsrp/docs11.</p>
Release Notes	<p>The release notes provide information about new features, issues addressed, and known issues in the release.</p> <p>They are available on edocs.bea.com/alui/devtools/wsrp/docs11 and on any physical media provided for delivering the application.</p>
User Guide	<p>This guide describes how to create and configure portlets with the WSRP Consumer.</p> <p>It is available on edocs.bea.com/alui/devtools/wsrp/docs11.</p>
Developer Guides, Articles, API Documentation, Blogs, Newsgroups, and Sample Code	<p>These resources are provided for developers on the BEA dev2dev site (dev2dev.bea.com). They describe how to build custom applications using AquaLogic User Interaction and how to customize AquaLogic User Interaction products and features.</p>

Table 1-2 BEA Documentation and Resources

Resource	Description
AquaLogic User Interaction (ALUI) and AquaLogic Business Process Management (ALBPM) Support Center	<p>The ALUI and ALBPM Support Center is a comprehensive repository for technical information on ALUI and ALBPM products. From the Support Center, you can access products and documentation, search knowledge base articles, read the latest news and information, participate in a support community, get training, and find tools to meet most of your ALUI and ALBPM-related needs. The Support Center encompasses the following communities:</p> <p>Technical Support</p> <p>Submit online service requests, check the status of your requests, search the knowledge base, access documentation, and download maintenance packs and hotfixes.</p> <p>User Group</p> <p>Participate in user groups; view webinars, presentations, the CustomerConnection newsletter, and the Upcoming Events calendar.</p> <p>Product Center</p> <p>Download product updates, maintenance packs, and patches; view the Product Interoperability matrix (supported third-party products and interoperability between products).</p> <p>Developer Center</p> <p>Download developer tools, view code samples, access technical articles, and participate in discussions.</p> <p>Education Services</p> <p>Review the available education options, then choose courses by role and delivery method (Live Studio, Public Classroom Training, Remote Classroom, Private Training, or Self-Paced eLearning).</p> <p>Profile Center</p> <p>Manage your implementation details, local user accounts, subscriptions, and more.</p> <p>If you do not see the Support Center when you log in to http://support.plumtree.com, contact ALUISupport@bea.com or ALBPMSupport@bea.com for the appropriate access privileges.</p>

Table 1-2 BEA Documentation and Resources

Resource	Description
Technical Support	<p>If you cannot resolve an issue using the above resources, BEA Technical Support is happy to assist. Our staff is available 24 hours a day, 7 days a week to handle all your technical support needs.</p> <p>E-mail: ALUISupport@bea.com or ALBPMSupport@bea.com</p> <p>Phone Numbers:</p> <p>USA, Canada +1 866.262.7586 or +1 415.263.1696</p> <p>EMEA +44 1494 559127</p> <p>Asia Pacific +61 2.9931.7822</p> <p>Australia/NZ +61 2.9923.4030</p> <p>Singapore +1 800.1811.202</p>

Welcome to the AquaLogic Interaction WSRP Consumer

Installation Prerequisites

Before you run the AquaLogic Interaction WSRP Consumer installer, complete the following steps:

1. Download the most up-to-date documentation from edocs.bea.com.
2. Read the product release notes for additional information on compatibility issues, known problems, and workarounds that might affect how you proceed with your deployment. Release notes are located on edocs.bea.com.
3. Provision host computers for your deployment and install prerequisite software. For details, see [Software Requirements](#).

Software Requirements

The following tables summarize the operating system and software requirements for AquaLogic Interaction WSRP Consumer.

Note: For the most current platform support information, refer to the Interoperability Matrix in the Product Center at support.plumtree.com.

Component	Requirement
WSRP Consumer Host Machine	Software <ul style="list-style-type: none">• AIX 5L 5.3, on POWER3, POWER4, POWER5; 32-bit, 64-bit• HP-UX, 11i v2, on Itanium; 32-bit• Microsoft Windows Server 2003 SP1, Standard, Enterprise, and Datacenter, on x86• RedHat Enterprise Linux ES 4 Update 3, on x86• Solaris 9, 10, on SPARC• SUSE SLES 9, on x86
ALUI portal Compatibility	<ul style="list-style-type: none">• AquaLogic Interaction 6.0, 6.0 SP1, 6.1, 6.1 MP1, and 6.1 MP1 Patch 1
JVM	<ul style="list-style-type: none">• Java 5.0 Update 6 or later

Installation

This chapter describes how to install the AquaLogic Interaction WSRP Consumer 1.1.

Note: There is no upgrade path to WSRP Consumer 1.1. To move from WSRP Consumer 1.0 to 1.1, you must install WSRP Consumer 1.1 and then recreate your portlets.

To install the WSRP Consumer:

1. Install the WSRP Consumer components. For details, see [“Installing the WSRP Consumer Components” on page 3-1](#),
2. Start the WSRP Consumer service or daemon. For details, see [“Starting the WSRP Consumer” on page 3-3](#).
3. Import the WSRP Consumer server package into your AquaLogic Interaction deployment. For details, see [“Importing the Server Package” on page 3-4](#).
4. Verify your installation. For details, see [“Verifying the Installation” on page 3-4](#).

Installing the WSRP Consumer Components

This section describes how to install the WSRP Consumer components. The WSRP Consumer has two components: The main WSRP Consumer service and an Image Service component. The Image Service component must be installed on the AquaLogic Interaction Image Service.

Launching the WSRP Consumer Installer

Launch the WSRP Consumer installer appropriate for your platform:

- On Unix, the installer is **WSRPConsumer_v1-1.sh**.
Note: The installer is a graphical, X-Windows client when run in interactive mode. If you are running the installer on a remote terminal, verify you DISPLAY is set appropriately.
- On Windows, the installer is **WSRPConsumer_v1-1.exe**.

Completing the Installer Wizard Pages

The following table describes the WSRP Consumer installer wizard pages. The installer wizard pages that appear may vary based on your configuration choices. If the installer setting does not apply to your configuration, the installer does not display the wizard page.

Table 3-1 WSRP Consumer Installer Wizard Pages

Wizard Page	Description
Introduction	This installer wizard page provides a brief description of the installer and describes how to run the installer in silent mode.
Choose Components	Select the components you are installing on this host. If you have an AquaLogic Interaction Portal, the Image Service files must be installed to an ALI Image Service directory.
Choose Install Folder	The install directory for the WSRP Consumer component. The default is recommended.
Configuration Manager - Port and Password <i>or</i> Configuration Manager - Update	If the Configuration Manager is not installed on this host, the Configuration Manager is installed by the installer. Type the port and password for the Configuration Manager. <i>or</i> If the Configuration Manager is already installed on this host, you may keep its settings or update the port and password. To update the port and password, check the box next to Update password and port . Then, click Next .
Path to Image Service Files	Install the Image Service files to the same location as the AquaLogic Interaction Image Service files.
Pre-Installation Summary	Review the installation summary before continuing.

Table 3-1 WSRP Consumer Installer Wizard Pages

Wizard Page	Description
Launch Configuration Manager	<p>Follow instructions to launch the Configuration Manager and complete configuration of the WSRP Consumer Application Settings.</p> <p>Note: Configuration of the WSRP Consumer port is not necessary if the default port is acceptable in your environment.</p> <p>If you change the WSRP Consumer port, you must also change the port in the Remote Server object for the WSRP Consumer. For more information on editing Remote Server objects, consult the AquaLogic Interaction online help.</p>
Application Settings Confirmation	Select Yes and confirm that you have updated the WSRP Consumer configuration in the Configuration Manager.
Install Complete	Click Done to exit the installer.

Starting the WSRP Consumer

This section describes how to the start the WSRP Consumer. It is divided into two sections:

- [Starting the WSRP Consumer Windows Service](#)
- [Starting the WSRP Consumer Unix Daemon](#)

Starting the WSRP Consumer Windows Service

The WSRP Consumer service is started and stopped using the Windows service manager. To start the WSRP Consumer service:

1. Open the Windows service manager. From Windows, select **Start | Control Panel | Administrator Tools | Services**.
2. Start the *BEA ALI WSRP Consumer*.

Starting the WSRP Consumer Unix Daemon

The WSRP Consumer daemon is started and stopped using a shell script. To start the WSRP Consumer daemon:

1. From your shell, navigate to the WSRP Consumer *bin* directory:

```
install_dir/ptwsrp/1.1/bin/
```

2. Start the WSRP Consumer daemon using `wsrpconsumerd.sh`:

```
./wsrpconsumerd.sh start
```

Importing the Server Package

The WSRP Consumer server package creates a Remote Server and a Web Service object for the WSRP Consumer.

In your AquaLogic Interaction Portal, import the WSRP Consumer server package. The server package is:

```
install_dir/ptwsrp/1.1/serverpackages/WSRPConsumerWebService.pte
```

For details on importing server packages into your portal, see the AquaLogic Interaction online help.

Verifying the Installation

You can verify your installation by navigating to the WSRP Consumer status page. To do this, navigate to

```
http://host:port/wsrp/
```

using a browser. The following message is displayed:

AquaLogic Interaction WSRP Consumer 1.1 is started.

Note: The default port is 21020.

You can further verify the WSRP Consumer by creating a WSRP portlet. For details, see [“Creating a WSRP Portlet on AquaLogic Interaction” on page 4-1.](#)

AquaLogic Interaction and the WSRP Consumer

This chapter describes how to use the AquaLogic Interaction WSRP Consumer with AquaLogic Interaction. It is divided into the following sections:

- [“Creating a WSRP Portlet on AquaLogic Interaction” on page 4-1](#)
- [“Passing User Properties from AquaLogic Interaction to the WSRP Producer” on page 4-2](#)
- [“Enabling Proxy Support in the WSRP Consumer” on page 4-3](#)

Creating a WSRP Portlet on AquaLogic Interaction

To create a WSRP portlet in your AquaLogic Interaction Portal:

1. In the AquaLogic Interaction Portal, go to **Administration**.
2. Click on an Administrative Folder. For example, the WSRP folder.
3. From the **Create Object** drop-down, select **Portlet**.
4. Choose the **WSRP Consumer** web service.
5. Suppress the ALI generated portlet title bar. The WSRP Consumer portlet will render its own portlet title bar. On the **Main Settings** page, check the box next to **Suppress Portlet's title bar**.
6. To configure the portlet, click **Edit**.

7. On the **Administrative Preferences Setup** page, type the URL to your WSRP Producer WSDL in the box under **Enter Service WSDL URL**. The following are publicly available sample WSRP Producers:

- BEA WebLogic Portal 9

`http://wsrp.bea.com:7001/producer/producer?WSDL`

- BEA WebLogic Portal 8

`http://wsrp.bea.com/portal/producer?WSDL`

Caution: BEA Systems, Inc. provides no warranty regarding the viability of the following 3rd-party interoperability test services.

- NetUnity (3rd-party)

`http://wsrp.netunitysoftware.com/WSRPTestService/WSRPTestService.aspx?Operation=WSDL`

- Oracle (3rd-party)

`http://portalstandards.oracle.com/portletapp/portlets?WSDL`

8. Click **Import Service WSDL**.

9. Click **Next**.

10. If the WSRP Producer requires you to register, an editor page for registration properties is displayed. If the WSRP Producer does not require you to register, this page is not displayed.

If you are required to register, edit the registration properties and then click **Register**.

11. On the **Choose a Portlet** page, select a portlet and click **Finish**.

12. On the portlet **Main Settings** page, click **Finish**.

For details on creating and using a portlet in ALI, see the online help for AquaLogic Interaction.

Passing User Properties from AquaLogic Interaction to the WSRP Producer

User properties from the AquaLogic Interaction Portal are mapped to fields to WSRP Producers

You can map user profile properties from the ALI Portal to fields passed to WSRP Producers by editing the **UserProfile.properties** file. The UserProfile.properties file can be found in your WSRP Consumer install directory:

`install_dir\ptwsrp\1.1\settings\config\UserProfile.properties`

The WSRP Consumer service must be restarted before changes made to the UserProfile.properties file take effect. Details on how to implement property mapping is found in the comments in the UserProfile.properties file.

Enabling Proxy Support in the WSRP Consumer

If the WSRP SOAP messages between the WSRP producer and the WSRP Consumer go through a specified HTTP proxy, the WSRP Consumer wrapper.conf must be edited to enable HTTP proxy support. The wrapper.conf file can be found here:

install_dir\ptwsrp\1.1\settings\config\wrapper.conf

Follow the instructions in the wrapper.conf file to edit the proxy settings.

