



BEA AquaLogic® Integrator

Installing and Using AquaLogic Integrator

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Introduction

This document provides an overview of AquaLogic Integrator, explains installation of AquaLogic Integrator, configuring ALINT domains, and supported configuration details. AquaLogic Integrator will be referred to as ALINT in this document.

Target Audience

- This document is intended for system administrators or application developer, mainly Java or SOA developers. It is assumed that readers are familiar with Web technologies and have a general understanding of Windows and UNIX platforms.
- Software architects, programmers, administrators who are involved in designing, developing, and deploying WebLogic Integration (Lowland AquaLogic Service Bus (ALSB) applications.

It is assumed that readers of this guide are familiar with the features of WLI and ALSB.

Documentation on the e-docs Web Site

See [WebLogic Integration](#) and [AquaLogic Service Bus](#) documentation for information on WLI and ALSB.

From the menu on the left side of the screen, select Documentation for the appropriate release. The home page for the complete documentation set for the product and release you have selected is displayed.

AquaLogic Integrator (ALINT) is single solution bundle comprising ALSB 3.0 and WLI 10.2.

Scope of this Document

The document is organized as follows:

- [Chapter 1, “Introduction”](#) provides description of the AquaLogic Integrator bundle.
- [Chapter 2, “Supported Configurations”](#) provides supported configuration details to various releases of WLI and ALSB.
- [Chapter 2, “Installing AquaLogic Integrator”](#) describes how to install ALINT using ALINT, WLI, and ALSB installers.
- [Chapter 3, “Creating a Domain”](#) describes how to create a common domain, and extend WLI and ALSB domains.

AquaLogic Integrator

AquaLogic Integrator (ALINT) is a software bundle comprising WebLogic Integration (WLI) and AquaLogic Service Bus (ALSB).

ALINT offers the following capabilities of WLI and ALSB to manage reusable services in a dynamically changing environment:

- Complex transactional process integration
- Mediation, connectivity, and embedded management

In addition, ALINT offers developer productivity enhancements in an integrated environment. It ensures a consistent and scalable approach to SOA Integration through its integration with WorkSpace Studio, which is the unified assembly platform of BEA.

This chapter discusses the following topics:

- [“AquaLogic Integrator Components”](#)
- [“Features of WLI and ALSB Relevant to AquaLogic Integrator”](#)
- [“Advantages of AquaLogic Integrator”](#)

AquaLogic Integrator Components

The two major components of ALINT are:

- [WebLogic Integration 10.2](#)
- [AquaLogic Service Bus 3.0](#)

WebLogic Integration 10.2

WebLogic Integration Service Oriented Architecture (SOA) paradigm, used for service creation and enablement, building and exposing business processes as services. WLI business processes and composite applications can act as business services (service providers) or as service clients (service consumers).

WebLogic Integration provides the ability of seamlessly integrating business services within a system. WLI 10.2 is a unified solution for integrating business systems within an enterprise which reduces the cost of management and operations by providing highly reliable, stable, scalable, and mission critical integration solutions.

WebLogic Integration combines the divergent pieces of the business integration picture, including Enterprise Resource Planning (ERP), Customer Relationship Management (CRM), legacy applications, business users, supply chains, and trading partners, by providing a versatile development environment that delivers rapid business integration with simplified production and management.

For more information about WebLogic Integration, see the [WebLogic Integration documents](#).

AquaLogic Service Bus 3.0

AquaLogic Service Bus (ALSB) is a configuration-based, policy driven Enterprise Service Bus (ESB). ALSB is a key product in the Service Infrastructure family of infrastructure software, targeted at the implementation, deployment and governance of Service Oriented Architecture (SOA).

AquaLogic Service Bus provides a Service Mediation layer between service provider and service receiver, enabling a loosely coupled architecture.

For more information about ALSB, see [AquaLogic ServiceBus documentation](#).

Features of WLI and ALSB Relevant to AquaLogic Integrator

AquaLogic Integrator has three key features —process integration, service integration, and service enablement. BEA AquaLogic Integrator delivers the ability to integrate, deploy, and manage process-driven services inside and outside the enterprise in a single solution.

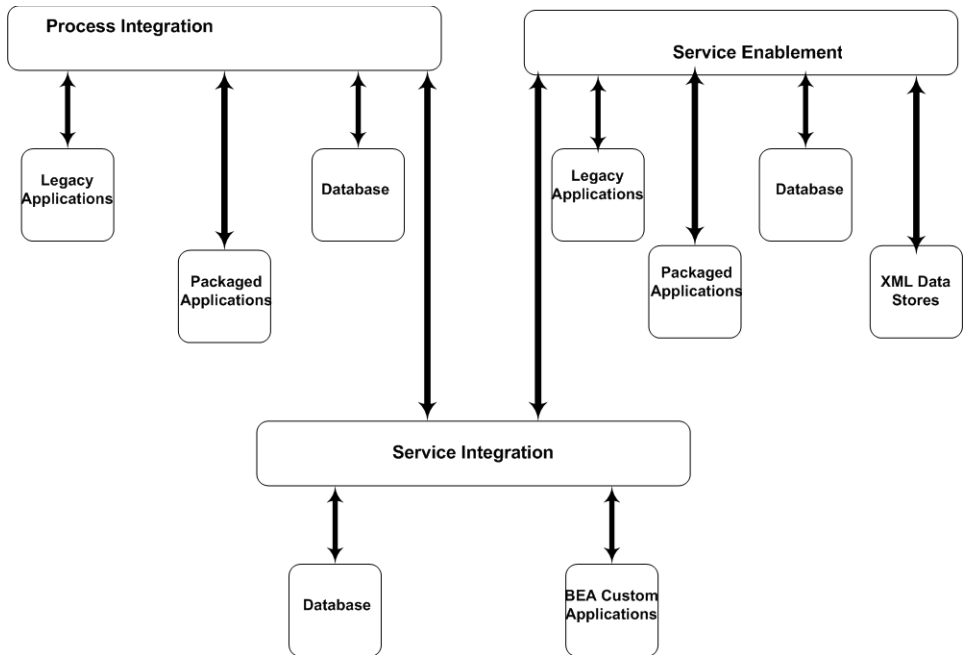
Process Integration: ALINT makes it possible to design, deploy and manage automated processes that tightly integrate existing enterprise systems, cross-enterprise applications, business users and expose these business processes as Services. Users can leverage data or process logic from mainframes and other legacy data sources or from packaged and custom applications. BEA AquaLogic Integrator integrates existing enterprise systems, cross-enterprise applications, and decision makers for simple exception handling and approvals.

Service Integration: ALINT includes a stateless, high-performance intermediary built to handle the demands of an enterprise SOA. ALINT provides a configuration-driven layer to simplify connection, mediation and policy enforcement of disparate, heterogeneous services. It accelerates service publishing, service brokering, configuration and deployment, and simplifies management of shared services across the SOA and future-proofs the SOA from on-going service endpoint changes.

Service Enablement: ALINT makes it possible to build adaptable, service-oriented environments. WebServices are built on and includes BEA WebLogic Server; services, processes, and mediation all inherit the reliability, scalability, security, and extensibility of the world's leading application server.

[Figure 1-1](#) provides the concept of AquaLogic Integrator

Figure 1-1 AquaLogic Integrator Concept



Advantages of AquaLogic Integrator

Following are the advantages of using ALINT:

- “Common Installer”
- “Common Domain”
- “Security and Transaction Context Propagation”
- “Productivity Through Common Environment”

Common Installer

WLI and ALSB can be installed using one installer. The ALINT installation wizard provides both the WLI and ALSB options, and you can install both the products in the same BEA Home. For more information about installation, see [Chapter 2, “Installing AquaLogic Integrator”](#).

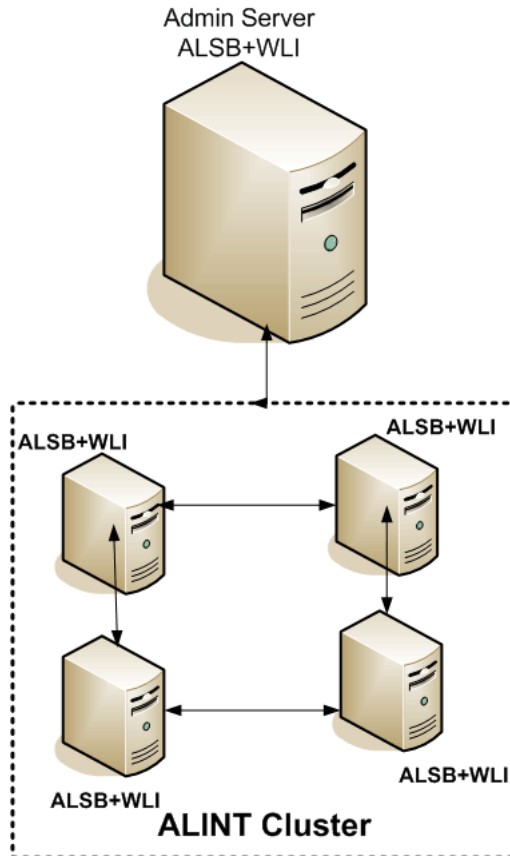
Note: You can install ALINT by using the individual product installers (WLI and ALSB). You need to install WLI, and then install ALSB, or vice-versa in the same *BEA_HOME* directory to be able to use ALINT functionality.

Common Domain

ALINT provides the ability to deploy both WLI and ALSB applications on the same domain, reducing the maintenance overheads for the user. You need not create two different domains for WLI and ALSB.

WLI and ALSB co-exist on a common domain. For more information about creating and configuring a domain, see [Chapter 3, “Creating a Domain”](#). [Figure 1-2](#) illustrates common domain concept.

Figure 1-2 Common Domain Concept



Security and Transaction Context Propagation

The two new transports - SB Transport and JPD transport being introduced with ALINT, provides security context and transaction context from ALSB to WLI and vice-a-versa. For more information about Transports, see [AquaLogic Service Bus documents](#).

Productivity Through Common Environment

ALINT provides a unified Integrated Development Environment (IDE) for WLI and ALSB on an Eclipse platform. This environment based on WebLogic Workshop, provides easy navigation between WLI and ALSB artifacts. You could create a JPD, and generate a WSDL in WLI, then switch to ALSB perspective, use the WSDL generated in WLI to create a Business Service or a Proxy Service. For more information, see [Designing a Purchase Order Processing System by Using Aqualogic Integrator](#).

Table 1-1 Relevant Features of WLI and ALSB

Feature	Documented in...
JPD Transport and Service Bus Transport	AquaLogic Service Bus documents
Service Bus Transport Control	Using Integration Controls
Common Domain configuration for ALINT	Chapter 3, “Creating a Domain”
Unified Design Experience	Designing a Purchase Order Processing System by Using Aqualogic Integrator

In the Next Chapter...

[Chapter 2, “Installing AquaLogic Integrator”](#) describes how to install ALINT.

Installing AquaLogic Integrator

The ALINT installation program provides a complete framework for the installation and uninstallation of ALINT, or individual components such as WLI or ALSB as required. You can install ALINT using either the Complete or the Custom installation programs on machines irrespective of Operating Systems.

This chapter provides step by step procedure to install the following Products in the ALINT installer using the installation wizard.

- WebLogic Server
- Workshop for WebLogic
- AquaLogic Service Bus
- WebLogic Integration

For more information about these BEA products, see [BEA Product documentation](#).

Installation Modes

You can use the ALINT installation program in one of the following modes:

Graphical mode

Graphical-mode installation is an interactive, GUI-based method for installing your software. It can be run on both Windows and UNIX systems. This chapter provides the procedures to install BEA products in the graphical-mode.

If you want to run graphical-mode installation, the console attached to the machine on which you are installing the software must support a Java-based GUI. All consoles for Windows systems support Java-based GUIs, but not all consoles for UNIX systems do.

Note: If you attempt to start the installation program in graphical mode on a system that cannot support a graphical display, the installation program automatically starts console-mode installation.

Console mode

Console-mode installation is an interactive, text-based method for installing your software from the command line, on either a UNIX system or a Windows system. For instructions for using this method, see [BEA Products Installation Guide](#).

Silent Mode

Silent-mode installation is a noninteractive method of installing your software that requires the use of an XML properties file for selecting installation options. You can run silent-mode installation in either of two ways: as part of a script or from the command line. Silent-mode installation is a way of setting installation configurations only once and then using those configurations to duplicate the installation on many machines. For information about running the installation program in the silent mode, see [BEA Products Installation Guide](#).

Methods to Install ALINT

You can install ALINT using three different installers. The following sections describe various methods of installing ALINT:

- [“Installing ALINT Using ALINT Installer”](#)
- [“Installing WLI Over ALSB”](#)
- [“Installing ALSB Over WLI”](#)

Installing ALINT Using ALINT Installer

Start the installation program by selecting the installation program. For example, to install ALINT on Windows based system, use `alint300_win32.exe`.

The installation program prompts you to enter specific information about your system and configuration.

For instructions on responding to the prompts during installation, see [Table 2-1](#).

Table 2-1 Installation Wizard

In this Window . . .	Perform the following action . . .
Welcome	Click Next to proceed with the installation. You may cancel the installation at any time by clicking Exit .
BEA License Agreement	Read the BEA Software License Agreement and indicate your acceptance of the terms of the agreement by selecting Yes . To continue with the installation, you must accept the terms of the license agreement and then click Next .
Choose BEA Home Directory	Specify the BEA Home directory that will serve as the central support directory for all BEA products installed on the target system. If you already have a BEA Home directory on your system, you can select that directory (recommended) or create a new BEA Home directory. If you choose to create a new directory by typing a new directory name in the BEA Home Directory field, the installation program automatically creates one for you. You can also click Browse and select a directory from the BEA Home Directory Selection window. Click Next .

In this Window . . .**Perform the following action . . .**

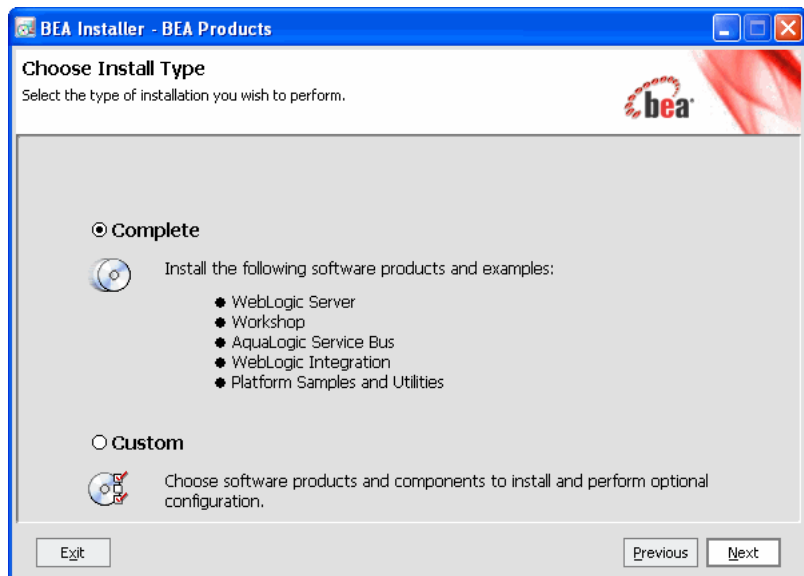
Choose Install Type

Select the option button for the type of installation you want to perform:

- **Complete**—All the software components included in your installation program, namely WebLogic Server, Workshop, AquaLogic Service Bus, WebLogic Integration are installed on your system. Sample domains are preconfigured for use with the PointBase database during installation, allowing you to execute the samples when the installation is complete.
- **Custom**—You select the software components to be installed. On Windows systems, you also have the option to install WebLogic Server Node Manager as a Windows service.

Note: Both programs provide the same functionality; all installation procedures described in this document apply to both versions of the installation program. For more information about the prerequisites of installation, and other modes of installing any BEA product, see [BEA Products Installation](#) guide.

Figure 2-1 Choose Install Type



In this Window . . .**Choose Products and Components**

This window is displayed only under the following conditions:

- You selected **Custom** installation in the **Choose Install Type** window.
- You are adding components to an existing installation.

Perform the following action . . .

Specify the components to be installed by selecting or clearing the appropriate check boxes.

This window displays a tree-view of all the components available for installation.

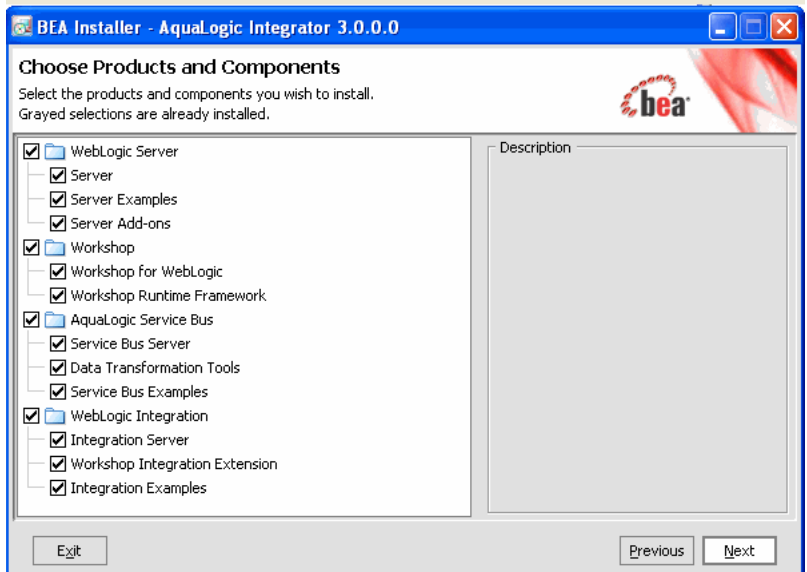
When you select or clear a component at the folder level, all subcomponents are selected or cleared accordingly.

If any components are already installed on your system, the check boxes for them are grayed out.

Note: When you select or deselect components to install, the installation program checks for dependencies between components and automatically modifies the list of selected components accordingly. For example, if you clear the WebLogic Server component check box, the boxes for the remaining components are cleared because the other components cannot be run without WebLogic Server.

Figure 2-2 lists the components you can choose to install from the Choose Products and Components window.

Figure 2-2 Custom Selection



Note: The **Eclipse Install Options** window is displayed when you select the Custom Install type.

In this Window . . .**Eclipse Install Options**

This step gives you the option of installing the new home for eclipse or using the existing eclipse home. This option is available only if you choose the Custom install type. If you choose the Complete install type, new eclipse home is automatically installed.

Perform the following action . . .

Specify whether or not you want to install eclipse. Clear the check box for this option if you do not want to install eclipse, or if you already have . Click Next after choosing the directory to install Eclipse. The **Choose Product Installation Directories** window is displayed.

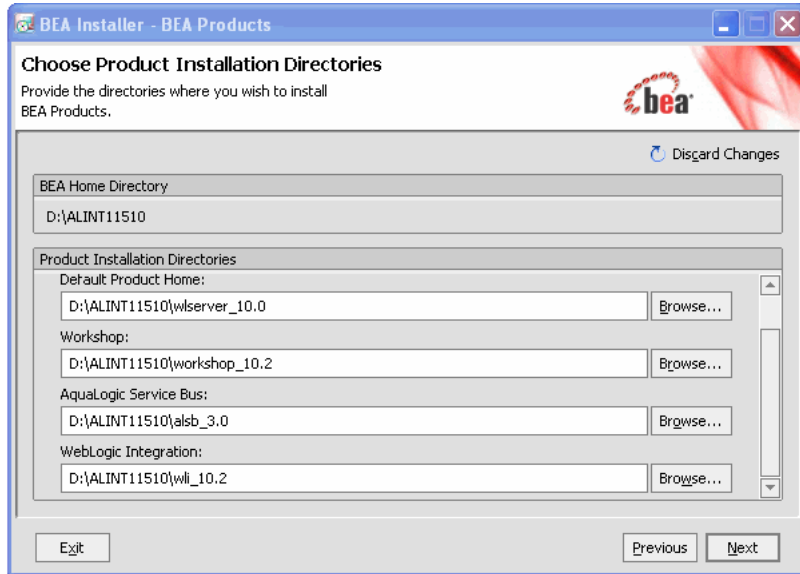
Figure 2-3 Install Eclipse Options

In this Window . . .	Perform the following action . . .
<p>Choose Product Installation Directories</p> <p>This window is not displayed if you are adding components to an existing installation. Instead, you are prompted to confirm the product installation directory. If you do so, the selected components are installed in the product installation directory you specified during the initial installation.</p>	<p>Specify the directory in which you want to install the software and click Next. You can accept the default product directory (weblogic<version>) or create a new product directory.</p> <p>If you choose to create a new directory, the installation program automatically creates one for you.</p> <p>If you go back to the Choose BEA Home Directory window to change the BEA Home Selection, the following changes occur based on the type of changes you make to the home directory:</p> <ul style="list-style-type: none"> • If you accept the default product installation directory in the Choose Product Installation Directory window, in the Choose BEA Home Directory window, the old installation directory will be retained. • If you enter a new product installation directory in the Choose Product Installation Directory window, the directory name is modified to this new name in the Choose BEA Home Directory window. • You can specify product directories for four products <ul style="list-style-type: none"> – Default Product home: wlserver_10.0 – WebLogic Integration: wli_10.2 – Workshop: workshop_10.2 – AquaLogic Service Bus: alsb_3.0 <p>Click Next to go to Install Windows Service directory.</p>

In this Window . . .

Perform the following action . . .

Figure 2-4 Product Installation Directories



Install Windows Service

This window is displayed only under the following conditions:

- You have Administrator privileges.
- You are performing an initial installation.
- You are installing on a Windows platform.
- You selected **Custom** installation in the **Choose Install Type** window.

Choose whether you want to install the Windows services indicated, specifically the WebLogic Server Node Manager service. Node Manager is used to monitor, start, and stop server instances in a domain.

If you select **Yes**, enter the Node Manager Listen Port in the appropriate field. The default is 5556.

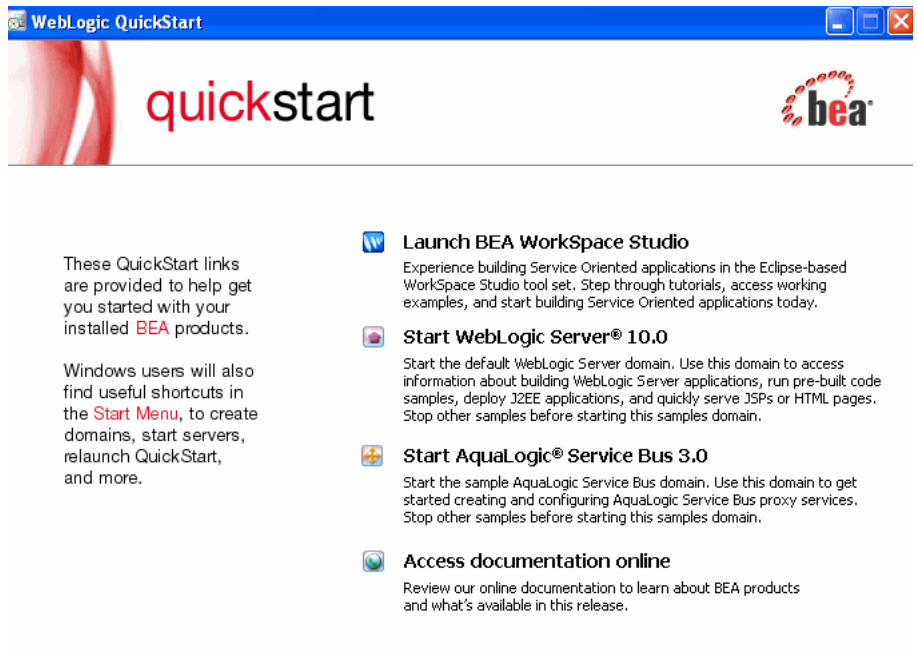
Note: If the Listen Port number you specify is currently being used by a running application, the installation program prompts you to enter a different Node Manager Listen Port number.

Click **Next** to go to the **Choose Shortcut Location** window.

In this Window . . .	Perform the following action . . .
<p>Choose Shortcut Location</p> <p>This window is displayed only under the following conditions:</p> <ul style="list-style-type: none">• You have Administrator privileges.• You are performing an initial installation.• You are installing on a Windows platform.	<p>Specify the Start menu folder in which you want the Start menu shortcuts created. You can select from the following options:</p> <ul style="list-style-type: none">• All Users Start menu folder Selecting this option provides all users registered on the machine with access to the installed software. However, only users with Administrator privileges can create shortcuts in the All Users folder. Therefore, if a user without Administrator privileges uses the Configuration Wizard to create domains, Start menu shortcuts to the domains are not created. In this case, users can manually create shortcuts in their local Start menu folders, if desired. Press ALT+Y on the keyboard to select the All Users Start Menu.• Local user's Start menu folder Selecting this option ensures that other users registered on this machine will not have access to the Start menu entries for this installation. Press ALT+N on the keyboard to select the Local User's start menu.

In this Window . . .	Perform the following action . . .
Status	Read the information displayed about BEA products and services. When the installation program has finished copying the specified files to your system, click Next .
Installation Complete	<p>Specify whether you want to run the QuickStart application. QuickStart, designed to assist first-time users in evaluating, learning, and using the software, provides quick access to the sample domains, information for upgrading your applications, and the online documentation.</p> <p>Clear the Run quickStart check box for this option if you do not want to launch QuickStart.</p>

Figure 2-5 Installation Complete



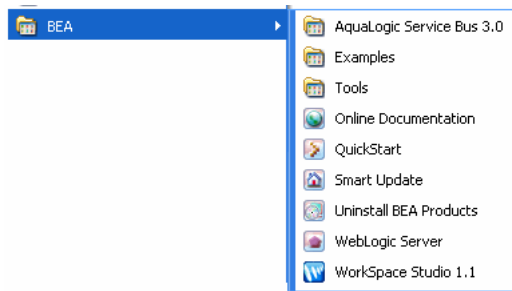
Click **Done** to exit the installation program and launch QuickStart, if selected.

Installation Complete

When you install ALINT on a Windows system, the installation program automatically creates shortcut entries on the Start Menu.

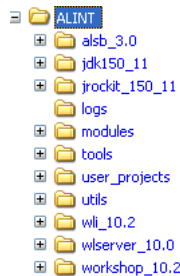
The BEA Products folder (**Start > Programs > BEA Products**) contains the shortcut files shown in the following figure:

Figure 2-6 Windows Directory Structure



The installation program creates a directory structure for the components installed.

Figure 2-7 Product Directory Structure



alsb_3.0 - contains ALSB program files.

jdk150_11 - the JDK version that is being used.

jrocket150_11 - the JRockit version that is being used.

modules - contains the modules installed in the BEA Home directory.

tools - contains the eclipse tool files.

user_projects - contains the domain files created by the user.

utils - contains executable jar files to apply patches, and files to uninstall the product

wli_10.2 - contains WebLogic Integration 10.2 program files

wlserver_10.0 - contains WebLogic Server 10.0 program files.

workshop_10.2 - contains WebLogic Workshop program files.

Caution: You must install WLI, ALSB and WLS in the default location inside the BEA_HOME. You must also retain the default product directory names for ALSB (alsb_3.0) and WLS (wlserver_10.0), Workshop (workshop_10.2), and Workspace Studio (workSpaceStudio_1.1).

Notes:

- The installer includes the installation of WLS. However, if you have already installed WLS 10.0 you can install ALSB, and WLI into the existing BEA home.
- On some UNIX platforms, the installation program does not install the JDK. During installation of your BEA software, you are prompted to choose an existing BEA home directory or specify a path to create a new BEA home directory. If you choose to create a new directory, the installation program automatically creates it for you.
- BEA recommends that you do not exceed a maximum of 12 characters when naming your BEA home directory. If the name of this directory has more than 12 characters, or if there are spaces in the directory name, the CLASSPATH is not resolved properly. You can install only one instance of each version of a BEA product in a single BEA home directory. For example, you can install only one instance of WebLogic Server 10.0 in a BEA home directory, but that BEA home directory also contains an instance of WebLogic Server 9. 0.
- You must obtain the compatible installer or perform maintenance to achieve compatibility.
- User_Projects, which contains the domains that are created by the user, is present in BEA_HOME only after you configure at least one domain.

Installing WLI Over ALSB

Prerequisite: As a prerequisite to installing WLI 10.2, you need to have ALSB 3.0 installed on your machine.

If you have ALSB 3.0 installed on your machine, you need to install WLI to be able to access the ALINT functionality. On a Windows based system, you can install WLI using the

platform1020_win32.exe installer, in the same BEA Home directory which already has ALSB 3.0 installed.

Installing ALSB Over WLI

Prerequisite: As a prerequisite to installing ALSB 3.0, you need to have WLI 10.2 installed on your machine or if you have older WLI version upgrade to WLI 10.2, then link to next section.

Similar to installing WLI, on a Windows based system, you can install ALSB using the alsb300_wls100_win32.exe installer, in the same BEA Home directory which already has WLI 10.2 installed.

For ALSB Installation procedures, see [ALSB Installation document](#).

Upgrade to ALINT Domain

After you have completed the product upgrade following the steps mentioned in Installation, you can now consider doing an upgrade to ALINT domain.

For upgrading to WLI 10.2 from previous versions, see [Upgrading from WLI, 8.x, WLI 9.2, WLI 9.2 MP1 to WLI 10.2](#).

For upgrading to ALSB 3.0 from previous versions, see [Upgrading from ALSB 2.x to ALINT](#).

Notes: For a domain upgrade from WLI, extend the existing WLI domain to include ALSB 3.0. For more information see [Chapter 3, “Creating a Domain”](#).

Similarly, extend an existing ALSB domain to include WLI on the same domain. See [Chapter 3, “Creating a Domain”](#).

Creating a Domain

This chapter describes how to create an ALINT domain. It discusses the following topics:

- [“How Do I: Create an ALINT Domain”](#)
- [“How Do I... Extend an Existing WLI Domain to an ALINT Domain”](#)
- [“How Do I... Extend an Existing ALSB Domain to an ALINT Domain”](#)

How Do I: Create an ALINT Domain

The following example explains the procedure to create a new WLI domain.

Prerequisite: You need to install ALINT to be able to configure ALINT domain. For more information about installing ALINT, see [Chapter 3, “Creating a Domain”](#).

1. Start the Configuration Wizard in graphical mode
 - On Windows, click:

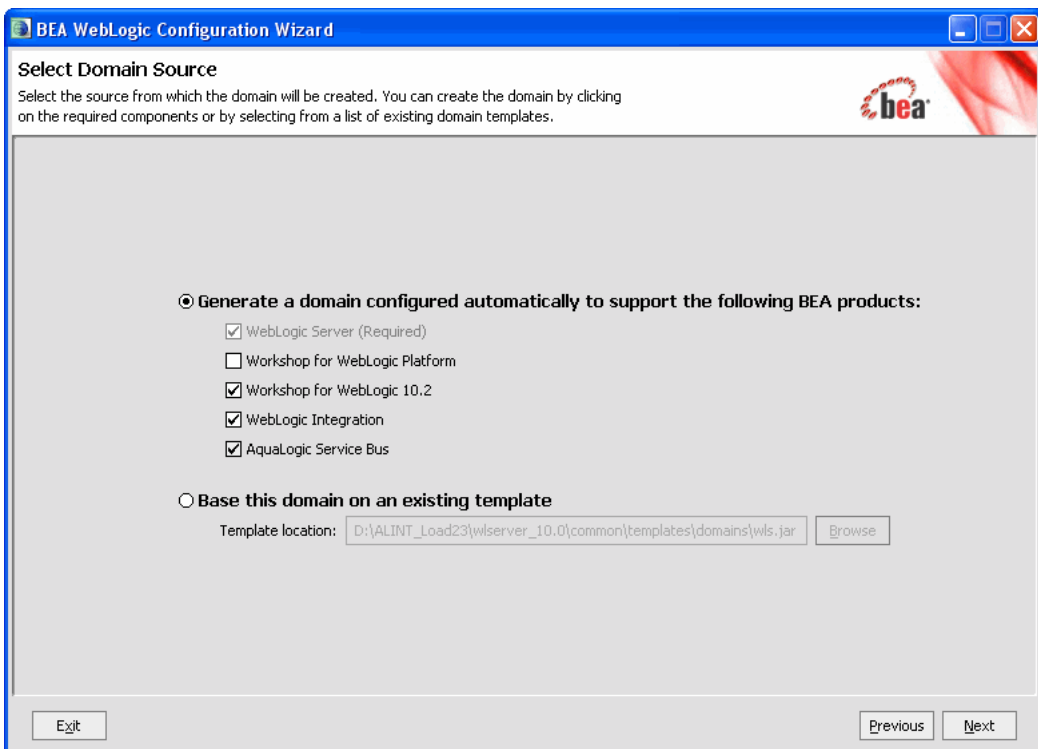
Start > Programs > BEA Products > Tools > Configuration Wizard

Note: Use `alint300_win32.exe` to install WLI and ALSB in a common BEA Home directory.

2. In the **Welcome** window, select **Create a new WebLogic domain**, and click **Next**.
3. In the **Select Domain Source** window:

- a. In the **Generate a domain configured automatically to support the following BEA products** option, which is the default option, select **AquaLogic Service Bus, WebLogic Integration, and Workshop for WebLogic 10.2**.
- b. Click **Next**.

Figure 3-1 Select Domain Source Window



4. In the **Configure Administrator Username and Password** window, enter a valid username and password, and click **Next**. This username is used to boot the Administration Server and connect to it. The default username and password is `weblogic`.
5. In the **Configure Server Start Mode and JDK** window, select a JDK, click **Next**. The WebLogic Domain Startup Mode is set to Development Mode by default.

6. In the **Customize Environment and Services Settings** window, select **Yes** to modify JDBC Data Source Configurations to specify a database, and click **Next**.
7. In the **Configure the Administration Server** window, define the configuration information for the Administration server, and click **Next**.
8. In the **Configure Managed Servers** window, define the configuration information for one or more managed servers, and click **Next**.

For more information about configuring managed servers and clusters, see [Configure Managed Servers](#) in *Creating WebLogic Domains Using the Configuration Wizard*.

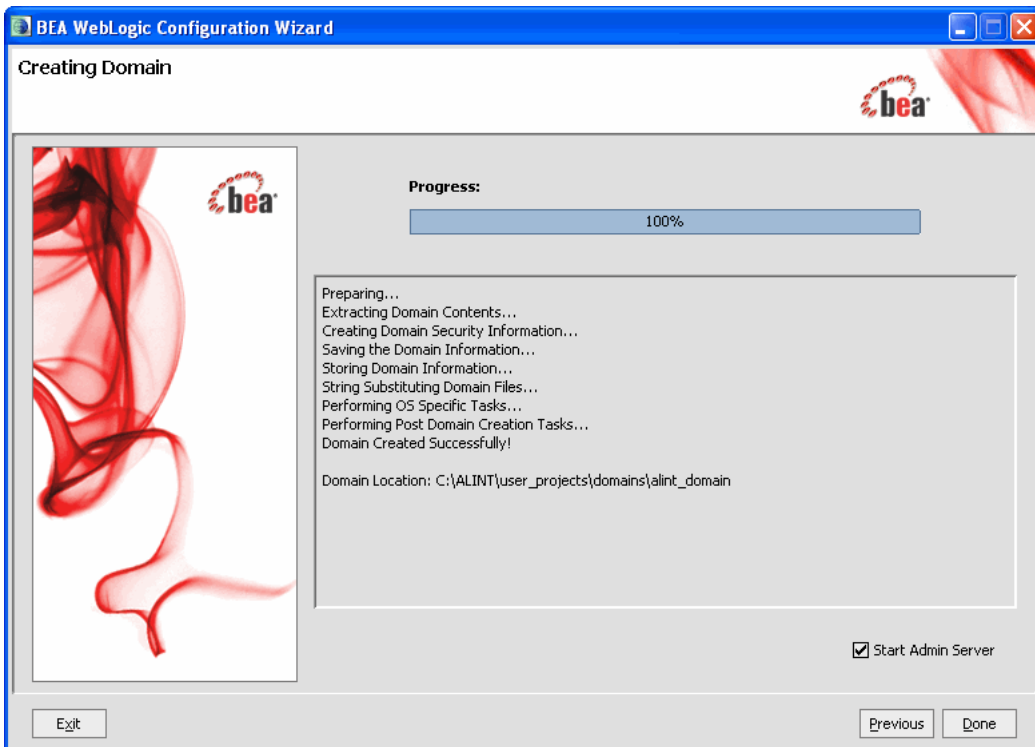
9. In the **Configure Machines** window, define the configuration information for machine or hosts in the domain, and click **Next**.
10. In the **Configure JDBC Data Sources** window, and click **Next**. For a list of supported databases and drivers for WebLogic Integration, see [Supported Database Configurations](#). Ensure that the database to which you want to test the connection is running.
11. In the **Run Database Scripts** window, select the `cgDataSource`, `p13nDataSource`, `wlsbjmsrpdatasource`, and `portalDataSource` JDBC datasources individually to click **Run Scripts** to create database. These JDBC DataSources are available in the Available JDBC DataSources pane of the **Run Database Scripts** window.

Note: In the **Results** pane, verify that **Database Load Successful** is returned for each Run Script execution. Otherwise, correct the problem before proceeding.

12. In the **Configure JMS File Store** window, enter any JMS File Store information for the domain, and click **Next**.
13. In the **Review WebLogic Domain** window, verify the contents of the domain, and click **Next**.
14. In the **Create WebLogic Domain** window, enter a name and location for your new WebLogic Integration domain, for example `alint_domain`, then click **Create**. After the domain is created, the server for WebLogic Integration is ready to be started. Click the Start Admin Server check box if you wish to start the Admin Server.

Tip: For more information about creating a domain, see [Creating Domains Using Configuration Wizard](#).

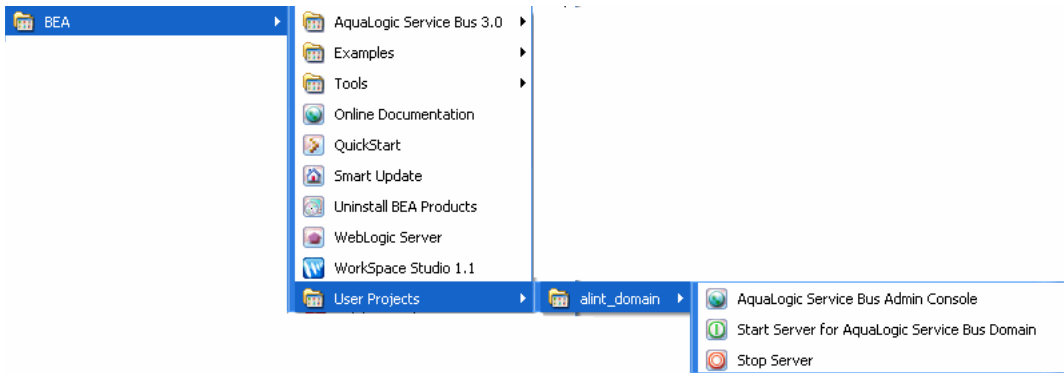
Figure 3-2 ALINT Domain



Domain Created Successfully

Go to **Start > All Programs > BEA Products**, and verify if a User Projects menu item has been created. User Projects folder gets created when you create or configure a domain. Ensure the domain you created following the steps in [How Do I: Create an ALINT Domain](#) is available under the User Projects menu item as displayed in the [Figure 3-3](#).

Figure 3-3 ALINT Domain Created



How Do I... Extend an Existing WLI Domain to an ALINT Domain

You can add product component functionality, or additional applications and services to an existing domain by extending it using the Configuration Wizard. For example if you have a WLI domain already created, want to add the ALInt product bundle, extend the WLI domain by adding an appropriate template using the Configuration Wizard.

The Configuration Wizard simplifies the task of extending an existing domain by using extension templates. BEA delivers a set of predefined extension templates, which are described in [Domain Template Reference](#).

The following example details the steps to extend a WLI domain to an ALInt domain.

Prerequisite: You need to install ALInt to be able to configure ALInt domain. For more information about installing ALInt, see [Chapter 3, “Creating a Domain”](#)

1. In the **Welcome** window of the Configuration Wizard, select the **Extend an Existing Domain** option, and click **Next**.
2. In the **Select a WebLogic Domain Directory** window, browse to the `BEA_HOME > user_projects`, and select the WLI Domain. For example, select the `wli_domain` from the `user_projects` folder. Click **Next**.
3. In the **Select Extension Source** window, you can extend the domain in either of the following ways:

- Extend the WLI domain by selecting the **AquaLogic Service Bus** check box from the **Extend my domain automatically to support the following added BEA Products**. Note that the WebLogic Integration checkbox is already selected by default here.
- 4. Click **Next** to proceed to the **JDBC and JMS File Store Settings** window. Accept the default options and click **Next** to move to the **Extend WebLogic Domain** window.
Note: The Extend WebLogic Domain window displays the read-only name and location for your domain. If your domain contains an applications directory and the domain extension does not contain application files, the location for that directory is also displayed. However, if your domain extension contains application files, you are prompted to provide the pathname to the applications directory in the **Applications** Location field.
- 5. After you have defined the applications directory, if required, click **Extend** to extend the domain with the applications, services, and settings provided from the specified extension template.
Note: The **Creating Domain** window is opened to display status messages during the update process. The Configuration Wizard updates the `config.xml` file and other application-specific components in the domain directory, as defined by the domain template.

When the process is complete, the updated WLI domain is ready.

How Do I... Extend an Existing ALSB Domain to an ALINT Domain

The following example details the steps to extend a WLI domain to an ALInt domain.

Prerequisite: You need to install ALInt to be able to configure ALInt domain. For more information about installing ALInt, see [Chapter 3, “Creating a Domain”](#)

1. In the **Welcome** window of the Configuration Wizard, select the **Extend an Existing Domain** option, and click **Next**.
2. In the **Select a WebLogic Domain Directory** window, browse to the **BEA_HOME > user_projects**, and select the WLI Domain. For example, select the `alsb_domain` from the `user_projects` folder. Click **Next**.
3. In the **Select Extension Source** window, you can extend the domain in either of the following ways:

- Extend the WLI domain by selecting the **AquaLogic Service Bus** check box from the **Extend my domain automatically to support the following added BEA Products**. Note that the WebLogic Integration checkbox is already selected by default here.
4. Click **Next** to proceed to the **JDBC and JMS File Store Settings** window. Accept the default options and click **Next** to move to the **Extend WebLogic Domain** window.
Note: The Extend WebLogic Domain window displays the read-only name and location for your domain. If your domain contains an applications directory and the domain extension does not contain application files, the location for that directory is also displayed. However, if your domain extension contains application files, you are prompted to provide the pathname to the applications directory in the **Applications** Location field.
 5. After you have defined the applications directory, if required, click **Extend** to extend the domain with the applications, services, and settings provided from the specified extension template.
Note: The **Creating Domain** window is opened to display status messages during the update process. The Configuration Wizard updates the `config.xml` file and other application-specific components in the domain directory, as defined by the domain template.

When the process is complete, the updated WLI domain is ready.

What's Next

After you have installed ALINT, created an ALINT domain, for information about WLI and ALSB working together, see [Designing a Purchase Order Processing System by Using Aqualogic Integrator](#).

