



BEA AquaLogic™ BPM

Installation Guide for AquaLogic BPM

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Welcome

This guide provides installation instructions for all of the products in the AquaLogic BPM Suite 5.7. The AquaLogic BPM Suite includes the following products:

- BEA AquaLogic BPM Designer
- BEA AquaLogic BPM Studio
- BEA AquaLogic BPM Enterprise Server - Standalone
- BEA AquaLogic BPM Enterprise Server - BEA WebLogic
- BEA AquaLogic BPM Enterprise Server - IBM WebSphere

How to Use This Book

Audience

This guide is written for the user responsible for installing AquaLogic BPM. This user must have strong knowledge of the platform operating system and database or directory service systems required for installation. For details on third-party requirements, see [“Hardware and Software Requirements” on page 2-2](#)

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 and deploy AquaLogic BPM.
- [Chapter 2, “Installation Prerequisites,”](#) provides hardware and software requirements. 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 AquaLogic BPM.
- [Chapter 4, “Upgrade,”](#) provides instructions for upgrading to AquaLogic BPM from an earlier version.
- [Appendix A, “Installation Logs,”](#) provides information about logs that are generated by the installation process.
- [Appendix B, “Internationalization,”](#) provides information about localizing the AquaLogic BPM environment.
- [Appendix C, “Uninstall,”](#) provides instructions for uninstalling AquaLogic BPM.

Typographical Conventions

This book uses the following typographical conventions.

Table 1-1 Typographical Conventions

Convention	Typeface	Example
<ul style="list-style-type: none">• File names• Folder names• Screen elements	bold	<ul style="list-style-type: none">• Upload Procedures.doc to the portal.• Open the General folder.• To save your changes, click Apply Changes.
<ul style="list-style-type: none">• Text you enter	<code>computer</code>	<ul style="list-style-type: none">• Type <code>Marketing</code> as the name of your community.

Table 1-1 Typographical Conventions

Convention	Typeface	Example
<ul style="list-style-type: none"> Variables you enter 	<i>italic computer</i>	<ul style="list-style-type: none"> Enter the base URL for the Portlet Server. For example, <i>http://my_computer/</i>.
<ul style="list-style-type: none"> New terms Emphasis Example object names 	<i>italic</i>	<ul style="list-style-type: none"> <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.

BEA Documentation and Resources

This section describes other documentation and resources provided by BEA.

Table 1-2 BEA Documentation and Resources


Resource	Description
Administrator Guide	This guide describes how to use, manage, and maintain AquaLogic BPM. It is available on edocs.bea.com .
Release Notes	These files are written for AquaLogic BPM administrators. They include information about new features and known issues in the release. They are available on edocs.bea.com .
Online Help	<p>The online help is written for all levels of users. It describes the AquaLogic BPM user interface and gives detailed instructions for completing tasks in AquaLogic BPM.</p> <p>To access online help, click  Help in the upper-right corner of the banner or dialog box.</p>

Table 1-2 BEA Documentation and Resources

Resource	Description
AquaLogic BPM Support Center	<p>The AquaLogic BPM Support Center is a comprehensive repository for technical information on AquaLogic BPM 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 AquaLogic BPM related needs. The Support Center encompasses the following communities:</p> <p>Technical Support Center</p> <p>Submit and track support incidents and feature requests, search the knowledge base, access documentation, and download service packs and hotfixes.</p> <p>User Group</p> <p>Visit the User Group section to collaborate with peers and view upcoming meetings.</p> <p>Product Center</p> <p>Download products, read Release Notes, access recent product documentation, and view interoperability information.</p> <p>Education Services</p> <p>Find information about available training courses, purchase training credits, and register for upcoming classes.</p> <p>If you do not see the Support Center when you log in to http://support.plumtree.com, contact ALBPMsupport@bea.com for the appropriate access privileges.</p>
dev2dev.bea.com	Download developer tools and documentation, get help with your development project, and interact with other developers via BEA's dev2dev Newsgroups.
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: ALBPMsupport@bea.com</p> <p>Phone Numbers:</p> <p>U.S. and Canada+1 415.263.1696 or +1 866.262.PLUM (7586)</p> <p>Europe+44 1494 559127</p> <p>France+33 1.46.91.86.79</p> <p>Australia/NZ+61 2.9923.4030</p> <p>Asia Pacific+61 2.9931.7822</p> <p>Singapore++1 800.1181.202</p>

Installation Prerequisites

Before you run the BEA AquaLogic BPM installer, complete the following steps:

1. Read the product release notes for information on compatibility issues, known problems, and workarounds that might affect how you proceed with your deployment. Release notes are located in the Product Center.
2. Provision host computers and configure software dependencies for your deployment. For details, see [“Hardware and Software Requirements” on page 2-2](#).

Hardware and Software Requirements

The following tables summarize the operating system and software requirements for BEA AquaLogic BPM.

AquaLogic BPM Designer and Studio

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

Component	Requirement
Host Hardware	Recommended
	<ul style="list-style-type: none">• 1 GB RAM• 450 MB or greater disk space• 2 GHz or faster processor
	Minimum
	<ul style="list-style-type: none">• 512 MB RAM• 450 MB disk space• 1 GHz Pentium IV processor
Host Operating System	<ul style="list-style-type: none">• SUSE Enterprise Linux 9 and 10, on x86• Windows 2000 SP4, on x86• Windows 2003 SP1, on x86• Windows XP SP2, on x86
Browser	<ul style="list-style-type: none">• IE 6.0, 7.0• Firefox 1.1, 1.5• Safari 2.0.4^

AquaLogic BPM Enterprise Standalone

Component	Requirement
Host Computer	<ul style="list-style-type: none"> • AIX 5.3 • HP-UX 11.23, on PA-RISC, Itanium • Red Hat Enterprise Linux 3 update 4 and 4.x, on x86 • Solaris 8, 9, and 10, on SPARC • SUSE Enterprise Linux 9, 10 on x86 • Windows 2000 SP4, on x86 • Windows 2003 SP1, on x86
Database Server	<ul style="list-style-type: none"> • IBM DB2 8.1 • Microsoft SQL Server 2000 SP3a • Microsoft SQL Server 2005 • Oracle 9i (9.2.0.4 and 9.2.0.6) in default or Oracle RAC configuration • Oracle 10g (10.1.0.3) in default or Oracle RAC configuration
Directory Service	<ul style="list-style-type: none"> • Sun ONE Java System Directory Service 5.2 • Microsoft Active Directory 2000
JDBC	<ul style="list-style-type: none"> • Database dependant, see “Supported JDBC Drivers By Database” on page 2-6.
JVM	<ul style="list-style-type: none"> • HP-UX 1.4.2 on HP-UX • IBM 1.5.0 on AIX • Sun 1.5.0_04^ on all other platforms
Browser	<ul style="list-style-type: none"> • IE 6.0, 7.0 • Firefox 1.1, 1.5 • Safari 2.0.4^

AquaLogic BPM Enterprise for BEA WebLogic

Component	Requirement
Host Computer	<ul style="list-style-type: none"> • AIX 5.3 • HP-UX 11.23, on PA-RISC, Itanium • Red Hat Enterprise Linux 3 update 4 and 4.x, on x86 • Solaris 8, 9, and 10, on SPARC • SUSE Enterprise Linux 9, 10 on x86 • Windows 2000 SP4, on x86 • Windows 2003 SP1, on x86
Application Server	<ul style="list-style-type: none"> • BEA WebLogic 8.1 SP6 • BEA WebLogic 9.2
Database Server	<ul style="list-style-type: none"> • Microsoft SQL Server 2000 SP3a • Microsoft SQL Server 2005 • Oracle 9i (9.2.0.4 and 9.2.0.6) in default or Oracle RAC configuration • Oracle 10g (10.1.0.3) in default or Oracle RAC configuration <p>Note: Databases must be configured to support XA transactions.</p>
JDBC Driver	<ul style="list-style-type: none"> • Database dependant, see “Supported JDBC Drivers By Database” on page 2-6.
JVM	<ul style="list-style-type: none"> • HP-UX 1.4.2 on HP-UX • Sun 1.4.2_08^ with WebLogic 8.1 • JRockit 1.5.0 with WebLogic 9.2
JMS Provider	<ul style="list-style-type: none"> • TIBCO EMS 4.1 • WebLogic 8.1 Embedded Messaging • WebLogic 9.2 Embedded Messaging
Browser	<ul style="list-style-type: none"> • IE 6.0, 7.0 • Firefox 1.1, 1.5 • Safari 2.0.4^

AquaLogic BPM Enterprise for IBM WebSphere

Component	Requirement
Host Computer	<ul style="list-style-type: none"> • AIX 5.3 • HP-UX 11.23, on PA-RISC, Itanium • Red Hat Enterprise Linux 3 update 4 and 4.x, on x86 • Solaris 8, 9, and 10, on SPARC • SUSE Enterprise Linux 9, 10 on x86 • Windows 2000 SP4, on x86 • Windows 2003 SP1, on x86
Application Server	<ul style="list-style-type: none"> • IBM WebSphere 6.0.2
Database Server	<ul style="list-style-type: none"> • IBM DB2 8.1. • Oracle 9i (9.2.0.4 and 9.2.0.6) in default or Oracle RAC configuration • Oracle 10g (10.1.0.3) in default or Oracle RAC configuration <p>Note: Databases must be configured to support XA transactions.</p>
JDBC Driver	<ul style="list-style-type: none"> • Database dependant, see “Supported JDBC Drivers By Database” on page 2-6.
JVM	<ul style="list-style-type: none"> • IBM 1.4.2
JMS Provider	<ul style="list-style-type: none"> • TIBCO EMS 4.1 • WebSphere 6.0.2 Embedded Messaging • IBM MQ Series
Browser	<ul style="list-style-type: none"> • IE 6.0, 7.0 • Firefox 1.1, 1.5 • Safari 2.0.4^

Supported JDBC Drivers By Database

The following table lists acceptable JDBC drivers for each database supported by AquaLogic BPM Enterprise.

Database	JDBC Driver
IBM DB2 8.1	<ul style="list-style-type: none"> IBM DB2 JDBC Driver (Type 2) IBM DB2 JDBC Driver (Type 4) <p>Note: The XA driver is required for AquaLogic BPM for WebSphere.</p>
Microsoft SQLServer 2000	<p>AquaLogic BPM Enterprise Standalone</p> <ul style="list-style-type: none"> i-net MERLIA JDBC Driver 6.05 or 6.06 <p>AquaLogic BPM Enterprise for WebLogic</p> <ul style="list-style-type: none"> BEA MS SQL Server Driver (Type 4 XA) Versions: 7.0, 2000, 2005
Microsoft SQLServer 2005	<ul style="list-style-type: none"> i-net MERLIA JDBC Driver 6.05 or 6.06 Microsoft JDBC Driver for SQL Server 2005
Oracle 9i	<ul style="list-style-type: none"> Oracle XA JDBC Driver 10.2.0.2.0 <p>Note: The XA version of the Oracle JDBC Driver is not required for the AquaLogic BPM Enterprise Standalone Product.</p>
Oracle 10g	<ul style="list-style-type: none"> Oracle XA JDBC Driver 10.2.0.2.0 <p>Note: The XA version of the Oracle JDBC Driver is not required for the AquaLogic BPM Enterprise Standalone Product.</p>

Installation

This chapter describes how to install BEA AquaLogic BPM. To upgrade from an earlier version of AquaLogic BPM, follow the instructions in [Chapter 4, “Upgrade.”](#)

To install AquaLogic BPM:

1. Ensure that you have met the prerequisites for installation. It is important that the appropriate version of the Java SDK is installed prior to running the AquaLogic BPM installer. For details, see [Chapter 2, “Installation Prerequisites.”](#)
2. Install the AquaLogic BPM components. For details, see [“Completing the Installer Wizard Pages” on page 3-2.](#)
3. License AquaLogic BPM. For details, see [“Licensing AquaLogic BPM” on page 3-2.](#)
4. Create a new AquaLogic BPM directory or connect to an existing one. For details, see [“Creating the AquaLogic BPM Directory” on page 3-3.](#)

Launching the Installer

Copy the appropriate installer to your host and launch it.

Note: On Linux and UNIX hosts without a graphical interface, start the installer using the **-i console** flag:

```
% <installer> -i console
```

Completing the Installer Wizard Pages

The following table describes the AquaLogic BPM installer wizard pages for all products on all platforms. Depending on your configuration, not all installer wizard pages may be present.

Table 3-1 AquaLogic BPM Installer Wizard Pages

Wizard Page	Description
License Agreement	Read and accept the license agreement.
Installation Folder	The default install directory is recommended. Caution: The installation folder must be a subdirectory used only by the AquaLogic BPM product being installed.
Choose J2SE SDK	Select an appropriate J2SE SDK. To do this, either: <ul style="list-style-type: none">• Populate the list of J2SE SDKs on your system by clicking Search For Others.• Browse your system for a J2SE SDK by clicking Choose Another... When the correct J2SE SDK is listed on the installer wizard page, highlight that SDK and click Next .
Pre-Installation Summary	Review the summary and click Install .

No further steps are required for AquaLogic BPM Designer or AquaLogic BPM Studio. To complete the installation of a AquaLogic BPM Enterprise product, create the directory as described in the next section.

Licensing AquaLogic BPM

The AquaLogic BPM products are automatically installed with a 60 day evaluation license.

In order to install a purchased license:

1. Rename the file **license.bea** to *license.bea.old*. The license file is located one directory up from your installation directory:
<INSTALL_DIRECTORY>\..
2. Launch the AquaLogic BPM product. A notice will appear stating that the existing license is invalid or has expired.
3. Click **Import License**.
4. Browse to the license file you were supplied and click **OK**.
5. Click **OK** to close the program.

When the AquaLogic BPM product is restarted, the new license will be installed.

Creating the AquaLogic BPM Directory

The AquaLogic BPM Enterprise servers require an established directory prior to starting the application. To complete the installation you must either provide connection information for an existing AquaLogic BPM directory or create a new AquaLogic BPM directory.

This section covers the most common method for creating the AquaLogic BPM directory. For more details on the directory service configuration utility, see the *Administrator Guide for AquaLogic BPM*.

Registering the JDBC Drivers

Before AquaLogic BPM Enterprise can connect to your database system, the appropriate JDBC drivers must be installed on your system and then registered with AquaLogic BPM.

Note: When connecting to a directory service, such as Microsoft Active Directory or Sun ONE, a JDBC driver is not required.

Note: Connecting to IBM DB2 Type 2 requires the DB2 Client to be installed on the same host as AquaLogic BPM Enterprise. No JDBC driver needs to be registered with AquaLogic BPM.

To register the installed JDBC drivers with AquaLogic BPM Enterprise:

1. Open the AquaLogic BPM Enterprise Admin Center.

If you are installing AquaLogic BPM Enterprise Standalone, from the Start menu select **BEA | ALBPM | Enterprise 5.7 | Admin Center**.

If you are installing AquaLogic BPM Enterprise for a specific application server, from the Start menu select **BEA | ALBPM | J2EE 5.7 | Admin Center**.

2. Open the Configuration Utility. From the AquaLogic BPM Admin Center, click **Configuration**.
3. Click **Install Drivers....**
4. Browse to the jar files for your installed JDBC driver. Select and open the JDBC driver's jar files.

The following table lists the default names of the jar files for each JDBC driver that must be registered with AquaLogic BPM Enterprise.

JDBC Driver	Required JARs
Oracle	<ul style="list-style-type: none"> • ojdbc14.jar
SQL Server with i-NET JDBC driver	<ul style="list-style-type: none"> • Merlia.jar
SQL Server 2005 with Microsoft JDBC	<ul style="list-style-type: none"> • sqljdbc.jar
DB2	<ul style="list-style-type: none"> • db2java.jar • db2jcc.jar

Creating a New Directory

If an AquaLogic BPM directory has been created by another installation of AquaLogic BPM Enterprise and you want this installation to connect to the same directory, follow the instructions in [“Connecting to an Existing Directory” on page 3-9](#).

To create a new AquaLogic BPM directory:

1. Open the Configuration Utility. From the AquaLogic BPM Enterprise Admin Center click **Configuration**.
2. Click **Add...**
3. Select the **Create New Directory** radio button. Click **OK**.
4. Name the directory by typing a name into the **Directory ID** field.

5. Choose the JDBC provider appropriate for the database from the drop-down.
6. Complete the server and credential information for the backend system selected. For more details on specific settings, refer to the table appropriate for the JDBC provider being used:

Oracle JDBC Driver

Setting	Description
Database Host	<ul style="list-style-type: none">The host name or IP address of the Oracle database server.
Database Port	<ul style="list-style-type: none">The port on the database host that Oracle is listening to.
Organization Logical Name	<ul style="list-style-type: none">The organization within AquaLogic BPM this directory will belong to. This can be any string.
Administrator User	<ul style="list-style-type: none">A user with administrator access to Oracle. This user must have permissions necessary to create a new schema.
Administrator Password	<ul style="list-style-type: none">The password of the administrator user.
Schema Name	<ul style="list-style-type: none">The desired name for the schema to be created for this AquaLogic BPM directory.
Schema Password / Confirm Password	<ul style="list-style-type: none">The desired password for the schema to be created.
SID	<ul style="list-style-type: none">The SID for the Oracle database.

i-net MERLIA JDBC Driver, SQL Server Microsoft JDBC Driver for SQL Server 2005

Setting	Description
Database Host	<ul style="list-style-type: none"> The host name or IP address of the SQL Server database server.
Database Port	<ul style="list-style-type: none"> The port on the database host that SQL Server is listening to.
Organization Logical Name	<ul style="list-style-type: none"> The organization within AquaLogic BPM this directory will belong to. This can be any string.
Administrator User	<ul style="list-style-type: none"> A user with administrator access to SQL Server. This user must have permissions necessary to create a new database.
Administrator Password	<ul style="list-style-type: none"> The password of the administrator user.
Database	<ul style="list-style-type: none"> A name for the database to be created for this AquaLogic BPM directory.
Login Name	<ul style="list-style-type: none"> A name for the database user to be created for this AquaLogic BPM directory.
Login Password / Confirm Password	<ul style="list-style-type: none"> A password for the database user to be created.

IBM DB2 JDBC (Type 2)

Setting	Description
Organization Logical Name	<ul style="list-style-type: none"> The organization within AquaLogic BPM this directory will belong to. This can be any string.
Administrator User	<ul style="list-style-type: none"> A user with administrator access to DB2. This user must have permissions necessary to create a new database.
Administrator Password	<ul style="list-style-type: none"> The password of the administrator user.
Schema Name	<ul style="list-style-type: none"> A name for the schema to be created for this AquaLogic BPM directory.
Database	<ul style="list-style-type: none"> The name of the database where the schema will be created.

IBM DB2 JDBC (Type 4)

Setting	Description
Database Host	<ul style="list-style-type: none">The host name or IP address of the DB2 database server.
Database Port	<ul style="list-style-type: none">The port on the database host that DB2 is listening to.
Organization Logical Name	<ul style="list-style-type: none">The organization within AquaLogic BPM this directory will belong to. This can be any string.
Administrator User	<ul style="list-style-type: none">A user with administrator access to DB2. This user must have permissions necessary to create a new database.
Administrator Password	<ul style="list-style-type: none">The password of the administrator user.
Schema Name	<ul style="list-style-type: none">A name for the schema to be created for this AquaLogic BPM directory.
Database	<ul style="list-style-type: none">The name of the database where the schema will be created.

Microsoft Active Directory

Setting	Description
LDAP Host	<ul style="list-style-type: none"> The host name or IP address of the Microsoft Active Directory server.
Domain	<ul style="list-style-type: none"> The fully qualified domain name of the Active Directory. For example, <i>sample.bea.com</i>.
Organization Logical Name	<ul style="list-style-type: none"> The organization within AquaLogic BPM this directory will belong to. This can be any string.
Root DN	<ul style="list-style-type: none"> The name of an Active Directory administrative user in the domain specified. For example, <i>Administrator</i>. <p>Note: Do not qualify the user name. For example, it would be incorrect to enter <i>sample/Administrator</i>.</p>
Root Password	<ul style="list-style-type: none"> The password of the administrative user.
Directory Base DN	<ul style="list-style-type: none"> [Optional] Specify the base DN under which the AquaLogic BPM directory will be created. This is important if more than one AquaLogic BPM directory will be created on the Active Directory server. AquaLogic BPM directories cannot share the same root DN.

iPlanet/Sun ONE Java System Directory Server

Setting	Description
LDAP Host	<ul style="list-style-type: none"> The host name or IP address of the directory service server.
LDAP Port	<ul style="list-style-type: none"> The port on the host that the directory service is listening to.
LDAP Base DN	<ul style="list-style-type: none"> The topmost entry of the directory service. For example, <i>o=bea.com</i>.
Organization Logical Name	<ul style="list-style-type: none"> The organization within AquaLogic BPM this directory will belong to. This can be any string.
Root DN	<ul style="list-style-type: none"> The DN of the root user. For example, <i>cn=root</i>.
Root Password	<ul style="list-style-type: none"> The password of the root user.

Connecting to an Existing Directory

To use an existing AquaLogic BPM directory:

1. Open the Configuration Utility. From the AquaLogic BPM Enterprise Admin Center click **Configuration**.
2. Click **Add...**
3. Select the **Use Existing Directory** radio button. Click **OK**.
4. Choose the JDBC provider from the drop-down.
5. Enter the same properties that were used to create the directory during the original AquaLogic BPM installation. For more details, see the *Administrator Guide for AquaLogic BPM*.

Installation

Upgrade

This chapter describes how to upgrade to BEA AquaLogic BPM 5.7 MP2 from earlier versions. The instructions vary depending on if the AquaLogic BPM directory is stored in an Oracle database or any other backend system.

Upgrade Path	Upgrade References
ALBPM Designer 5.7 or 5.7 SP1 to ALBPM Designer 5.7 MP2	Follow the procedures in “Upgrading to AquaLogic BPM Designer 5.7 MP2” on page 4-2.
ALBPM Studio 5.7 or 5.7 SP1 to ALBPM Studio 5.7 MP2	Follow the procedures in “Upgrading to AquaLogic BPM Studio 5.7 MP2” on page 4-2.
ALBPM Enterprise Standalone 5.7 or 5.7 SP1 to ALBPM Enterprise Standalone 5.7 MP2	Follow the procedures in “Upgrading to AquaLogic BPM Enterprise Standalone 5.7 MP2” on page 4-3.
ALBPM Enterprise WebLogic or WebSphere 5.7 or 5.7 SP1 to ALBPM Enterprise WebLogic or WebSphere 5.7 MP2	Follow the procedures in “Upgrading to AquaLogic BPM Enterprise WebLogic or WebSphere 5.7 MP2” on page 4-4.
ALBPM 5.5 SP10 with an Oracle backend to AquaLogic BPM 5.7 MP2	Follow the procedures in “Upgrading to AquaLogic BPM 5.7 with an Oracle backend” on page 4-5.

ALBPM 5.5 SP10 with a non-Oracle backend to AquaLogic BPM 5.7 MP2

Follow the procedures in [“Upgrading to AquaLogic BPM 5.7 with a non-Oracle backend” on page 4-5.](#)

All other versions to AquaLogic BPM 5.7.

Follow the procedures in the *Fuego BPM 5 Migration Guide: Migrating from Version 5.1 to Version 5.5*. Apply service packs to SP11. Then, follow the procedures in this chapter.

Upgrading to AquaLogic BPM Designer 5.7 MP2

The AquaLogic BPM Designer 5.7 MP2 package must be applied to an ALBPM Designer 5.7 SP1 system. If you are upgrading from ALBPM Designer 5.7, you must first apply SP1. The same procedure is used to install either package.

To upgrade to ALBPM Designer 5.7 MP2 from 5.7 or 5.7 SP1:

1. Download the ALBPM Designer 5.7 update package from Product Center:
 - a. If you are upgrading from ALBPM Designer 5.7, download the ALBPM Designer 5.7 SP1 package.
 - b. If you are upgrading from ALBPM Designer 5.7 SP1, download the ALBPM Designer 5.7 MP2 package.
2. In ALBPM Designer, select **File | Update | Designer Local Update...**
3. Select the ALBPM Designer 5.7 update package you are installing.
4. Click **OK**.
5. When the update is complete, restart ALBPM Designer.

Upgrading to AquaLogic BPM Studio 5.7 MP2

The AquaLogic BPM Studio 5.7 MP2 package must be applied to an ALBPM Studio 5.7 SP1 system. If you are upgrading from ALBPM Studio 5.7, you must first apply SP1 and then apply MP2. The same procedure is used to install either package.

To upgrade to ALBPM Studio 5.7 MP2 from 5.7 or 5.7 SP1:

1. Download the ALBPM Studio 5.7 update package from Product Center:
 - a. If you are upgrading from ALBPM Studio 5.7, download the ALBPM Studio 5.7 SP1 package.

- b. If you are upgrading from ALBPM Studio 5.7 SP1, download the ALBPM Studio 5.7 MP2 package.
2. In ALBPM Studio, select **File | Update | Studio Local Update...**
3. Select the ALBPM Studio 5.7 update package you are installing.
4. Click **OK**.
5. When the update is complete, restart ALBPM Studio.

Upgrading to AquaLogic BPM Enterprise Standalone 5.7 MP2

The AquaLogic BPM Enterprise Standalone 5.7 MP2 package must be applied to an ALBPM Enterprise Standalone 5.7 SP1 system. If you are upgrading from ALBPM Enterprise Standalone 5.7, you must first apply SP1 and then apply MP2. The same procedure is used to install either package.

To upgrade to ALBPM Enterprise Standalone 5.7 MP2 from 5.7 or 5.7 SP1:

1. Download the ALBPM Enterprise Standalone 5.7 update package from Product Center:
 - a. If you are upgrading from ALBPM Enterprise Standalone 5.7, download the ALBPM Enterprise Standalone 5.7 SP1 package.
 - b. If you are upgrading from ALBPM Enterprise Standalone 5.7 SP1, download the ALBPM Enterprise Standalone 5.7 MP2 package.
2. Backup any customized WorkSpace JSPs or configuration files (for example, web.xml). Installing the Maintenance Pack may overwrite your customizations.
3. In the ALBPM Process Administrator, stop the Process Execution Engine.
4. In the ALBPM Admin Center, stop the ALBPM Web Application Server.
5. In ALBPM Admin Center, upgrade ALBPM 5.7:
 - a. Click **Configuration**.
 - b. Click the **Service Pack Updates** tab.
 - c. Click **Local Update**.
 - d. Select the ALBPM Enterprise Standalone 5.7 MP2 package.

- e. Click **OK**.
6. Remove generated JSP files by deleting all directories under:
 - <INSTALL_DIR>/enterprise/tomcat/work/Catalina/localhost
 - <INSTALL_DIR>/enterprise/cache
7. Copy your customized WorkSpace JSPs and configuration files back to the ALBPM file structure.
8. In the ALBPM Admin Center, start the ALBPM Web Application Server.
9. In the ALBPM Process Administrator, start the Process Execution Engine.

Upgrading to AquaLogic BPM Enterprise WebLogic or WebSphere 5.7 MP2

The AquaLogic BPM Enterprise WebLogic or WebSphere 5.7 MP2 package must be applied to an ALBPM Enterprise WebLogic or WebSphere 5.7 SP1 system. If you are upgrading from ALBPM Enterprise WebLogic or WebSphere 5.7, you must first apply SP1. The same procedure is used to install either package.

To upgrade to ALBPM Enterprise WebLogic or WebSphere 5.7 MP2 from 5.7 or 5.7 SP1:

1. Download the ALBPM Enterprise WebLogic or WebSphere 5.7 update package from Product Center:
 - a. If you are upgrading from ALBPM Enterprise WebLogic or WebSphere 5.7, download the ALBPM Enterprise WebLogic or WebSphere 5.7 SP1 package.
 - b. If you are upgrading from ALBPM Enterprise WebLogic or WebSphere 5.7 SP1, download the ALBPM Enterprise WebLogic or WebSphere 5.7 MP2 package.
2. In the ALBPM Process Administrator, stop the Process Execution Engine.
3. In the ALBPM Admin Center, stop the ALBPM Web Application Server.
4. Stop the WebLogic or WebSphere application server.
5. In ALBPM Admin Center, upgrade ALBPM 5.7:
 - a. Click **Configuration**.
 - b. Click the **Service Pack Updates** tab.

- c. Click **Local Update**.
 - d. Select the ALBPM Enterprise WebLogic or WebSphere 5.7 MP2 package.
 - e. Click **OK**.
6. Reinstall **fuegoj2ee-lib-all.jar** in your application server:
 - On WebLogic, copy
<INSTALL_DIR>/al bpm5.7/j2eewl/j2ee/common/lib/fuegoj2ee-lib-all.jar to the shared libraries directory of the AquaLogic BPM WebLogic domain.
 - On WebSphere, create a shared library instance for
<INSTALL_DIR>/al bpm5.7/j2ee/ws/j2ee/common/lib/fuegoj2ee-lib-all.jar.
 7. In the ALBPM Admin Center, start the ALBPM Web Application Server.
 8. Regenerate the Engine, WorkSpace, and WorkSpace Administrator WAR/EAR files and redeploy them to the WebLogic or WebSphere container.
 9. In the ALBPM Process Administrator, start the Process Execution Engine.
 10. Start WebLogic or WebSphere.

Upgrading to AquaLogic BPM 5.7 with an Oracle backend

To upgrade to AquaLogic BPM 5.7:

1. Export the ALBPM 5.5 directory data from the database using Oracle tools. For details, consult your DBA.
2. Install AquaLogic BPM 5.7 using the instructions in [Chapter 3, “Installation.”](#) When given the option to create a new directory or use an existing directory, create a new directory on your Oracle database. The AquaLogic BPM schema will be created.
3. Import the directory data you exported into the new AquaLogic BPM schema using Oracle tools. For details on how to use the Oracle, consult your DBA.
4. Uninstall ALBPM 5.5.

Upgrading to AquaLogic BPM 5.7 with a non-Oracle backend

To upgrade to AquaLogic BPM 5.7:

1. Install AquaLogic BPM 5.7 using the instructions in [Chapter 3, “Installation.”](#) When given the option to create a new directory or use an existing directory, use the existing directory.

Upgrade

2. Uninstall ALBPM 5.5.

Installation Logs

This appendix describes where to find the log files generated by the installation of AquaLogic BPM.

AquaLogic BPM Designer and Studio

For AquaLogic BPM Designer, the installation log files are located:

<INSTALL_DIR>\designer\log

For AquaLogic BPM Studio, the installation log files are located:

<INSTALL_DIR>\studio\log

AquaLogic BPM Enterprise

For AquaLogic BPM Enterprise Server - Standalone, the installation log files are located:

<INSTALL_DIR>\enterprise\log

For AquaLogic BPM Enterprise Server - BEA WebLogic, the installation log files are located:

<INSTALL_DIR>\j2eewl\log

For AquaLogic BPM Enterprise Server - IBM WebSphere, the installation log files are located:

<INSTALL_DIR>\j2eews\log

Installation Logs

Internationalization

This appendix describes how to add custom languages to the WorkSpace for an AquaLogic BPM Enterprise deployment or Studio test environment. There are two major steps in the process:

1. Create a custom language resource jar. For details, see [“Creating a Custom Language Resource JAR” on page B-1](#).
2. Install the custom language resource jar. For details, see [“Installing a Custom Language Resource JAR” on page B-3](#).

Note: The following steps describe how to customize the language of the WorkSpace. To customize the language of other AquaLogic BPM components, contact a BEA Professional Services representative.

Creating a Custom Language Resource JAR

The following procedure creates a resource jar for a custom language. To install an existing custom language resource jar, see [“Installing a Custom Language Resource JAR” on page B-3](#).

To create a custom language resource jar:

1. Obtain the English product resource jar,
`<INSTALL_DIR>/<PRODUCT>/ext/fuegoresources.jar`
2. Unzip the **fuegoresources.jar** to a working directory, maintaining the internal directory structure of the jar.
3. Delete all directories except the following and their subdirectories:
 - `./fuego/core`

- ./fuego/lib
 - ./fuego/papi
 - ./fuego/portal
 - ./fuegoblock/mail
 - ./fuegoblock/net
 - ./fuegoblock/util
 - ./META-INF
4. Translate the properties files found in the directories that were not deleted:
- BlockMailMsg.properties
 - BlockNetMsg.properties
 - BlockUtilMsg.properties
 - CoreMsg.properties
 - LibMsg.properties
 - PapiMsg.properties
 - PortalMsg.properties

Caution: Do not alter any of the Java placeholders. Java placeholders begin with the % symbol.

5. Edit the **./META-INF/MANIFEST.MF**.

- Change the Implementation-Vendor line from:

Implementation-Vendor: Fuego Language Plug-in

to:

Implementation-Vendor: Fuego Runtime Language Plug-in

- Add a line for the plugin locale:

Fuego-Plugin-Locale: xx

Where xx is the two letter language code for the custom language.

6. Build a jar from the customized directory structure and properties files.

Caution: Use the jar creation tool that comes with the JDK. Some other tools will create jars that may not be recognized by AquaLogic BPM.

7. Name the jar **fuegoresourcesrt_xx.jar**, where *xx* is the two letter language code for the custom language.

Installing a Custom Language Resource JAR

To install a custom language resource jar:

1. Ensure that all AquaLogic BPM components are stopped and closed.
2. Copy the custom language resource jar to **<INSTALL_DIR>/<PRODUCT>/ext**.
3. For Enterprise installations only, also copy the custom language resource jar to **<INSTALL_DIR>/<PRODUCT>/webapps/portal/WEB-INF/lib**.
4. Delete the contents of **<INSTALL_DIR>/<PRODUCT>/Cache**. Do not delete the Cache folder itself.
5. Restart the AquaLogic BPM product.

Internationalization

Uninstall

This appendix describes how to uninstall the components of your AquaLogic BPM deployment.

- For Windows, from Add/Remove Programs, remove the product you wish to install.
- For Linux or UNIX, run the uninstaller located:
 - For AquaLogic BPM Enterprise products,
/opt/bea/albpm5.7/enterprise/UninstallerData/UninstallEnterprise
 - For AquaLogic BPM Designer,
/opt/bea/albpm5.7/designer/UninstallerData/UninstallDesigner
 - For AquaLogic BPM Studio,
/opt/bea/albpm5.7/studio/UninstallerData/UninstallStudio

Uninstall