



BEA WebLogic Adapter for Siebel®

Release Notes

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BEA WebLogic Adapter for Siebel Release Notes

Part Number	Date	Release
N/A	February 2003	7.0 with Service Pack 1

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BEA WebLogic Adapter for Siebel Release Notes

BEA WebLogic Adapter for Siebel Release 7.0 with Service Pack 1
Release Date: December 2002
Revised: February 2003

This document includes the following sections:

- Change History
- About This Release of the BEA WebLogic Adapter for Siebel
- Supported Platforms
- Software Requirements
- Determining the Adapter Version
- Miscellaneous Issues
- Known Limitations
- Contacting BEA Customer Support

Change History

The following table lists the changes since the initial release of BEA WebLogic Adapter for Siebel 7.0 with Service Pack 1 (SP1).

Date	Summary of Changes
February 3, 2003	<ul style="list-style-type: none">■ Added HP-UX to the supported platforms. See “Supported Platforms” on page 3 and Issue 5 in “Miscellaneous Issues” on page 6.■ Added Issue 6 to “Miscellaneous Issues.”
December 19, 2002	<ul style="list-style-type: none">■ BEA WebLogic Adapter for Siebel Release 7.0 SP1 released and certified for use with WebLogic Integration 7.0 SP1.

About This Release of the BEA WebLogic Adapter for Siebel

The BEA WebLogic Adapter for Siebel provides a means to exchange real-time business data between Siebel systems and other application, database, or external business partner systems. The adapter allows for inbound and outbound processing with Siebel.

The adapter uses WebLogic Integration and XML messages to allow non-Siebel applications to communicate and exchange transactions with Siebel. Applications that require access to Siebel data when a Siebel business event occurs use the adapter in combination with WebLogic Integration (WLI) Application Views, Events, and BEA Business Process Management tools to receive messages from Siebel. Applications that require a Siebel business event use the adapter in combination with WLI Application Views, Services, and BEA Business Process Management tools to send request messages to Siebel. If the request is to retrieve data from Siebel, then the adapter sends the application a response message with the data.

The BEA WebLogic Adapter for Siebel:

- Supports synchronous and asynchronous, bi-directional message interactions for Business Services, Business Components, and Integration Objects.
- Provides BEA Application Explorer, which uses Siebel object manager metadata to build XML schemas for Application Views, events, and services.
- Integrates service and event operations with Siebel.
- Supports Siebel Transports—MQSeries, File, and HTTP.

The adapter supports Siebel eBusiness Applications, Releases 6 and 7.

Supported Platforms

The BEA WebLogic Adapter for Siebel consists of the following two components:

- BEA WebLogic Adapter for Siebel
- BEA Application Explorer

The BEA WebLogic Adapter for Siebel and the BEA Application Explorer are currently available on the following platforms:

- Sun Solaris 7 (with Sun recommended patches)
- Sun Solaris 8 (with Sun recommended patches)
- Microsoft Windows 2000 Professional with Service Pack 2
- Microsoft Windows 2000 Server with Service Pack 2
- Microsoft Windows 2000 Advanced Server with Service Pack 2
- Microsoft Windows NT 4.0 with Service Pack 6 or later
- Hewlett-Packard HP-UX 11.0
- Hewlett-Packard HP-UX 11i
- IBM AIX 5.1 with Maintenance Level 3

We are working to certify the BEA Application Explorer and the adapter on additional platforms. Up-to-date information on supported platforms is available at the following URL:

<http://edocs.bea.com/wlapters/docs70/support/index.html>

Software Requirements

Before you install this release of the BEA WebLogic Adapter for Siebel, ensure that you have the following software installed:

- WebLogic Platform 7.0 with Service Pack 1 (WebLogic Server and WebLogic Integration components must be installed)

The software can be downloaded from the BEA Web site at

<http://commerce.bea.com/downloads/products.jsp>

The information required to install WebLogic Platform 7.0 can be found at

<http://edocs.bea.com/platform/docs70/install/index.html>

Note: BEA WebLogic Adapter for Siebel 7.0 with Service Pack 1 is only certified and supported with WebLogic Integration 7.0 at this time. WebLogic Integration 2.1 users should continue to use version 7.0 of the adapter.

We are working to certify this release of the adapter with additional versions of WebLogic Integration. Up-to-date information on supported versions is available at the following URL:

<http://edocs.bea.com/wlapters/docs70/support/index.html>

- Java Runtime environment 1.3.1 or higher
- Siebel 99.5, 6.0.1, 6.3, 7.0.3

Note: If Siebel 6.2.X or lower is used, the Siebel client must be installed with the adapter.

- Web browser
 - Netscape 6.2 or higher
 - Internet Explorer 5.x or higher

- Developer Access to the Siebel Interfaces and Components required for your applications:
 - Siebel Workflow Manager
 - Siebel Integration Object
 - EAI XML XDR Generator
 - EAI Siebel Adapter
 - EAI XML Converter Adapter
 - EAI MQ Series, HTTP or FILE Transports
 - MQ Series Receiver Server Task (for incoming message transport)
 - FILE and HTTP transports

Determining the Adapter Version

To allow you to easily determine the version of the BEA WebLogic Adapter for Siebel, identifying information has been added to the `Manifest.mf` file.

For example, the `Manifest.mf` file for BEA WebLogic Adapter for Siebel 7.0 SP1 contains the following:

```
Manifest-Version: 1.0
Created-By: Apache Ant 1.5
Label: BEASp1.0003
Implementation-Vendor: BEA Systems
Implementation-Version: 7.0.1.0003
Implementation-Title: BEA SIEBEL Adapter SP1 11/06/2002 22:32:11 EST
```

The Implementation-Version is provided in the following format: `w.x.y.zzzz`:

- `w.x` represents the major and minor release number (in this case, 7.0)
- `y` represents the service pack number (in this case, 1)
- `zzzz` represents the build number of the release (in this case, 0003)

If you obtain a patch subsequent to a release, identifying information specific to the patch is included in the `Manifest.mf` file.

Miscellaneous Issues

The following table describes miscellaneous issues you should be aware of when using the BEA WebLogic Adapter for Siebel.

Where applicable, entries include a CR (Change Request) number or Case number. Please refer to this number if you contact BEA Customer Support regarding the issue. For contact information, see “Contacting BEA Customer Support” on page 11.

Table 1. Miscellaneous Issues

1	Connecting to Siebel from Solaris 8
Problem	When using the BEA WebLogic Adapter for Siebel, the following error can occur: "646" not supported...
Platform	Solaris 8
Workaround	If this error occurs, then before using BEA WebLogic Adapter for Siebel to connect to Siebel, set <code>LANG=en_US</code> . This variable must be set before starting WebLogic Server. To check the status of the <code>LANG</code> setting, type <code>locale</code> at the command prompt. For more information, refer to the following: http://supportweb.siebel.com/supportsearch/sr/38-654863951.html
2	M88_aix.tar file available on the IBM Web site is missing required JAR files
Problem	As described in the <i>BEA WebLogic Adapter for Siebel Installation and Configuration Guide</i> , before using the adapter with MQSeries 5.1 or 5.2, you must install classes provided in the MA88 SupportPac. The M88_aix.tar file available from http://www-3.ibm.com/software/ts/mqseries/txppacs/ma88.html is missing required JAR files.
Platform	AIX

Table 1. Miscellaneous Issues (Continued)

Workaround	<p>Before installing the adapter, download the Windows version of the MA88 SupportPac and extract the files. Copy the following JAR files to a location on your AIX machine. (For example, copy the files to the /mqm/java/lib directory).</p> <pre>com.ibm.mq.jar com.ibm.mqbind.jar com.ibm.mqjms.jar</pre>
3 CR085889	Connecting to MQSeries in Binding Mode (when MQSeries and WebLogic Integration reside on the same machine)
Problem	Additional configuration steps are required to connect to MQSeries in binding mode.
Platform	All Platforms
Workaround	<p>When MQSeries and WebLogic Integration are running on the same machine, you can configure MQ events and services using the adapter to connect to MQSeries in binding mode. To do so, you need to add the following lines to the <code>setDomainTypeData</code> script (the following example is for Windows):</p> <pre>set MQ_INSTALL_PATH=d:\apps\MQSeries set MQ_JAVA_INSTALL_PATH=d:\apps\MQSeries\java set MQ_JAVA_LIB_PATH=%MQ_JAVA_INSTALL_PATH%\lib set MQ_PATH=%MQ_INSTALL_PATH%\bin;%MQ_JAVA_INSTALL_PATH%\bin;%MQ_JAVA_LIB_PATH% set PATH=%MQ_PATH%;%PATH%</pre>
4	Namespace Prefix in manifest.xml
Problem	<p>Each schema repository has a manifest that describes the repository and its schemas. This repository manifest is stored as an XML file named <code>manifest.xml</code>.</p> <p>If you manually create an XML schema, the namespace prefix must be <code>xsd:</code> rather than <code>xs:</code> in the manifest file.</p>
Platform	All

Table 1. Miscellaneous Issues (Continued)

Workaround	Use the <code>xsd:</code> namespace prefix for XML schemas as shown in the following listing: <pre><?xml version="1.0" encoding="UTF-8"?> <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified"> <xsd:element name="OrderIn"> <xsd:complexType> <xsd:sequence> <xsd:element ref="Store_Code"/> <xsd:element ref="LineItem" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element></pre>
5	Error when creating a connection to Siebel or when using an adapter service or event on HP-UX
Problem	When creating a connection to Siebel in the BEA Application View Explorer, or when using an adapter service or event, the follow error may be generated: 8859_1 is not supported
Platform	Hewlett-Packard HP-UX 11.0 or 11i

Table 1. Miscellaneous Issues (Continued)

Workaround	<p>Do the following:</p> <ol style="list-style-type: none"> 1. Close the BEA Application Explorer and stop WebLogic Server. 2. Open the <i>installation_directory/bin/ae</i> file 3. At the bottom of the file, locate the <code>java</code> command that starts the application. The command begins as follows: <code>\$JAVACMD -classpath</code> 4. Add the following option to the <code>java</code> command: <code>-Dfile.encoding="ISO8859_1"</code> As follows: <code>\$JAVACMD -Dfile.encoding="ISO8859_1" -classpath</code> 5. Save your changes. 6. Open the <i>DOMAIN_HOME/startWeblogic</i> file. 7. Add the following option to the <code>java</code> command: <code>-Dfile.encoding="ISO8859_1"</code> As follows: <code>\$JAVA_HOME/bin/java -Dfile.encoding="ISO8859_1"</code> <code>\$DB_JVMARGS</code> 8. Save your changes. 9. Verify that the <code>LANG</code> environmental variable is set to <code>en_US.iso88591</code>. The <code>locale -a</code> command can be used to display all supported character sets on your system. For additional information, see the <code>locale</code> and <code>setlocal</code> man pages. 10. Restart WebLogic Server and the BEA Application Explorer. <p>You should now be able to successfully create a connection to Siebel.</p>
6	Default parameter values in MQEmitter Event and Service windows
Problem	<p>The default values for the suffixin parameter for File event configuration and the maxlife and count parameters for MQEmitter service configuration cannot be modified.</p>
Platform	All
Workaround	<p>Do not modify the default values for suffixin when configuring an File event and for maxlife and count when configuring an MQEmitter service.</p>

Known Limitations

The following table describes limitations in the current release of the BEA WebLogic Adapter for Siebel. Whenever available, a recommended workaround is provided.

Where applicable, entries include a CR (Change Request) number or Case number. Please refer to this number when contacting BEA Customer Support for assistance in tracking the problem identified. For contact information, see “Contacting BEA Customer Support” on page 11.

Table 2. Known Limitations

1	CR089473	The adapter components are not fully deployed upon initial deployment, despite all the deployed flags indicating deployment has occurred
	Problem	After you deploy the adapter as described in “Installing the Adapter With WebLogic Integration 7.0” in the <i>BEA WebLogic Adapter for Siebel Installation and Configuration Guide</i> , the adapter is not fully deployed, even though the WebLogic Server Administration Console indicates Deployed=True for each required component.
	Platform	WebLogic Integration 7.0 with Sun Solaris 7 or 8 WebLogic Integration 7.0 with Hewlett-Packard HP-UX 11.0 or 11i
	Workaround	To properly deploy the adapter components, click Redeploy. This is an issue that will be corrected in a future patch of WebLogic Server. Please contact BEA Customer Support for further information.
2		Schema name problem
	Problem	When you generate schemas with the BEA Application Explorer, Siebel returns schema names with dashes and spaces in it.
	Platform	All

Table 2. Known Limitations (Continued)

Workaround	On Windows Systems: After generating schemas with the BEA Application Explorer, change the schema names to include only valid Java characters; for instance, change the change the spaces and dashes to underscores. You must also update the <code>manifest.xml</code> file for the connection to reflect the revised schema names. The adapter will then function properly. On UNIX Systems: Install the BEA Application Explorer on a Windows system, and generate the required schemas on that system. Rename the schemas to include only valid Java characters; for instance, change the dashes and spaces to underscores. You can then FTP the files to the appropriate location on your UNIX system and update the <code>manifest.xml</code> file for the connection to reflect the revised schema names.
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Contacting BEA Customer Support

If you have any questions about this release of the BEA WebLogic Adapter for Siebel, or if you have problems installing and running the adapter, contact BEA Customer Support through BEA eSupport at <http://support.bea.com>. You can also contact Customer Support by using the contact information provided on the Customer Support Card that is included in the product package.

When contacting Customer Support, be prepared to provide the following information:

- Your name, e-mail address, phone number, and fax number
- Your company name and company address
- Your machine type and authorization codes
- The name and version of the adapter you are using
- The version of WebLogic Integration you are using
- A description of the problem and the content of pertinent error messages

