BEA WebLogic Adapter for HTTP

Release Notes

Release 7.0 with Service Pack 1
Document Date: November 2002

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BEA WebLogic Adapter for HTTP Release 7.0 with Service Pack 1
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This document includes the following topics:

- About This Release of the BEA WebLogic Adapter for HTTP
- Supported Platforms
- Software Requirements
- Determining the Adapter Version
- Problems Fixed in This Release
- Miscellaneous Issues
- Known Limitations
- Contacting BEA Customer Support

About This Release of the BEA WebLogic Adapter for HTTP

Web-based applications use the Hypertext Transport Protocol (HTTP) protocol to communicate (mainly with end users), they use HTTP methods to send and obtain information to be processed (two of the most commonly used are POST and GET methods).

The BEA WebLogic Adapter for HTTP enables integration with Web-based applications using the HTTP POST and GET methods for integration. Event adapters expose ports that applications can post information to (in XML or non-XML format) and if necessary apply transformation to the incoming document. Once the event has been captured, the information can be integrated into your environment using the Business Process Management engine. The BEA WebLogic Adapter for HTTP provides Service adapters that can post information to other Web based applications (as well as provide transformation services also). This provides a convenient and simple method for integrating with Web-based applications using BEA WebLogic Integration.

Supported Platforms

As of the release date, the BEA WebLogic Adapter for HTTP is 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

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

`http://edocs.bea.com/wladapters/docs70/support/index.html`

Software Requirements

Before you install the BEA WebLogic Adapter for HTTP, ensure that you have the following software installed:

- BEA WebLogic Server and WebLogic Integration.

  The software can be downloaded from the BEA Web site at `http://commerce.bea.com/downloads/products.jsp`

  As of the release date, the following versions are supported:

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

    The information required to install WebLogic Platform 7.0 can be found at `http://edocs.bea.com/platform/docs70/install/index.html`

  - WebLogic Server 6.1 with Service Pack 2 and WebLogic Integration 2.1 with Service Pack 1

    The information required to install WebLogic Server 6.1 can be found at `http://edocs.bea.com/wls/docs61/install/index.html`

    The information required to install WebLogic Integration 2.1 can be found at `http://edocs.bea.com/wlintegration/v2_1sp/index.html`

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

  `http://edocs.bea.com/wladapters/docs70/support/index.html`

- Java Runtime environment 1.3.1 or higher
- Web browser
  - Netscape 6.2 or higher
  - Internet Explorer 5.x or higher

Determining the Adapter Version

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

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

```
Manifest-Version: 1.0
Created-By: Apache Ant 1.5.1
Label: BEASP1.0003
Implementation-Vendor: BEA Systems
Implementation-Version: 7.0.1.0003
Implementation-Title: BEA HTTP Adapter SP1 11/06/2002 22:27:05 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.

Problems Fixed in This Release

The following table lists the problems fixed in BEA WebLogic Adapter for HTTP 7.0 SP1.

Table 1. Problems Fixed in This Release

Problem	Solution
When creating an application view on Solaris, although valid values are entered in the Configure Connection Parameters window, a `java.lang.reflect.InvocationTargetException` exception occurs when Connect is selected.	This problem has been fixed in this release.
The `BEA_HTTP_1_0.deploy.xml` file in the `BEA_HTTP_1_0.jar` file included an incorrect identifier for the adapter which lead to license exceptions.	The adapter is now correctly identified in the `BEA_HTTP_1_0.deploy.xml` file.
Problem: The limit of 10 header name and header value pairs in an HTTP Post service is problematic.	When you add a service to an application view, you can now specify up to 20 combinations of header name and header values in header=value format.
Providing an incorrect keystore location causes the server to stall.	When you deploy an event with an incorrect keystore location a `java.io.FileNotFoundException` is now thrown. Server operation is not interrupted.
Error generated when performing MFL transformations on binary data	This problem has been fixed in this release.

Miscellaneous Issues

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

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 10.

Table 2. Miscellaneous Issues

1	**Setting for XSLT_Transform parameter**
Problem	If the absolute path for the XSLT transform file is not specified, the system looks for the file relative to the *DOMAIN_HOME* directory. Here, *DOMAIN_HOME* represents the complete path to the root of the domain. For example: ■ If you install WebLogic Integration 2.1 in the default location on a Windows system, *DOMAIN_HOME* represents `c:\bea\wlintegration2.1\config\`*domain*. ■ If you use the WebLogic Integration 7.0 Configuration Wizard to create a domain in the default location on a Windows system, *DOMAIN_HOME* represents `c:\bea\weblogic700\user_projects\`*domain*.
Platform	All
Workaround	Specify the full path where the XSLT transform file is located.
2	**Namespace Prefix in manifest.xml**
Problem	Each schema repository has a manifest that describes the repository and its schemas. This repository manifest is stored as an XML file named `manifest.xml`. If you manually create an XML schema, the namespace prefix must be `xsd:` rather than `xs:` in the manifest file.

Table 2. Miscellaneous Issues (Continued)

Platform	All

Workaround	Use the `xsd:` namespace prefix for XML schemas as shown in the following listing:
	
	`<?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>`

Known Limitations

The following table describes limitations in the current release of the BEA WebLogic Adapter for HTTP. 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 10.

Table 3. 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 *BEA WebLogic Adapter for HTTP Installation and Configuration Guide*, 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		**GET methods**
	Problem	GET methods are not supported by the BEA WebLogic Adapter for HTTP.
	Platform	All
	Workaround	Will be available in a subsequent release.

Table 3. Known Limitations (Continued)

3	**BEA Application Explorer**
Problem	BEA Application Explorer currently does not support creation of manifests and schemas for the BEAWebLogic Adapter for HTTP.
Platform	All platforms
Workaround	Will be supported. Manifest and schema must be created manually with a third-party tool.

Contacting BEA Customer Support

If you have any questions about this release of the BEA WebLogic Adapter for HTTP, 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, which 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