BEA WebLogic Integration™

HTTP Plug-in Release Notes

Release 7.1
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Revised: April 2004

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BEA WebLogic Integration HTTP Plug-in Release Notes

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Change History

Date	Summary of Changes
April 2004	The HTTP Plug-in is packaged with WebLogic Integration 7.0 Service Pack 5. Revised this document and the *BEA WebLogic Integration HTTP Plug-in User Guide* to account for the new packaging. ■ Revised the following sections of this document: About This Release of the BEA WebLogic Integration HTTP Plug-in Supported Operating Systems Software Requirements Determining the Plug-in Version ■ Revised the following sections of the *BEA WebLogic Integration HTTP Plug-in User Guide*: Chapter 2, Deploying the HTTP Plug-in
June 2003	Initial Release

This document includes the following topics:

- About This Release of the BEA WebLogic Integration HTTP Plug-in
- Supported Operating Systems
- Software Requirements
- Determining the Plug-in Version
- Miscellaneous Issues

- Known Limitations
- Contacting BEA Customer Support

About This Release of the BEA WebLogic Integration HTTP Plug-in

The HTTP Plug-in extends the functionality of the BEA WebLogic Integration BPM Studio. It enables you to access a Web application from the WebLogic Integration Studio, and the WebLogic Integration Studio from a Web application. Specifically, the HTTP Plug-in provides the ability to send HTTP requests and invoke workflow instances when HTTP requests are received.

The plug-in is included with WebLogic Integration 7.0 Service Pack 5. If you have an earlier, supported release installed (see "Software Requirements" on page 4) and do not wish to upgrade the latest WebLogic Integration 7.0 Service Pack, you can install the plug-in as described in the "Deploying the HTTP Plug-in" section of *BEA WebLogic Integration HTTP Plug-in User Guide*, which is available at the following URL:

http://edocs.bea.com/wlplugins/http/docs71/pdf/user.pdf

In addition to the information provided here, information about using the plug-in with WebLogic Integration 7.0 Service Pack 5 can be found in the WebLogic Integration Release Notes at the following URL:

http://edocs.bea.com/wli/docs70/relnotes/relnot.htm

Problems Fixed

The following issues have been addressed in the version of the HTTP Plug-in packaged with WebLogic Integration 7.0 Service Pack 5 (April 2004):

CR123326	The HTTP Plugin throws an exception if an HTTP request with no body data is sent to a start node configured with the HTTP plugin.The fix for this problem allows a an HTTP request with no body data to be sent from the browser. This issue has been fixed in the version of the plug-in packaged with WebLogic Integration 7.0 Service Pack 5.
CR125114	The HTTP Plugin throws an exception if a header ID which is not configured in the start node is given. The fix for this problem provides a message when this occurs so the ID can be configured properly. This issue has been fixed in the version of the plug-in packaged with WebLogic Integration 7.0 Service Pack 5.
CR127746	Under heavy load, the HTTP plugin throws a JDBC connection pool leak warning. This issue has been fixed in the version of the plug-in packaged with WebLogic Integration 7.0 Service Pack 5.
CR127749	Under heavy load, the HTTP plugin throws a null pointer exception. This issue has been fixed in the version of the plug-in packaged with WebLogic Integration 7.0 Service Pack 5.
CR173535	The high availability feature of the HTTP Plugin is not invoked when the `wlpi-master-ejb.jar` is not deployed. This issue has been fixed in the version of the plug-in packaged with WebLogic Integration 7.0 Service Pack. The fix for this problem addresses this issue for all three plug-ins: HTTP, Email, and xFile.

Supported Operating Systems

The HTTP Plug-in is included with WebLogic Integration Service Pack 5. The supported operating systems for that release can be found at the following URL:

http://edocs.bea.com/platform/suppconfigs/configs70/70_over/overview.html

If you are installing the plug-in with an earlier release, the following operating systems are supported:

- Sun Solaris 7 and 8 (with Sun recommended patches)
- Microsoft Windows 2000 Professional with Service Pack 2 and Windows NT 4.0 with Service Pack 2
- Red Hat Linux 7.2 (for development purposes only) and Red Hat Enterprise Linux AS 2.1 (for deployment)
- Hewlett-Packard HP-UX 11.0
- Hewlett-Packard HP-UX 11i
- IBM AIX 5.1

Note: Red Hat Linux, HP-UX, and IBM AIX products are supported only with WebLogic Integration 7.0 environments.

Software Requirements

The HTTP Plug-in is included with WebLogic Integration 7.0 Service Pack 5 (SP5). The software requirements for WebLogic Integration 7.0 SP5 can be found at the following URL:

http://edocs.bea.com/platform/suppconfigs/configs70/70_over/overview.html

If you are installing the plug-in with an earlier release, 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

The following versions are supported:

- WebLogic Platform 7.0 Service Pack 2. (As noted in above, the plug-in is packaged with SP5.)

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

  You must install the WebLogic Server and WebLogic Integration components of the platform.

- WebLogic Integration 2.1 with Service Pack 2, running on WebLogic Server 6.1 with Service Pack 2 or higher

  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

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

Determining the Plug-in Version

Note: The following information applies only if you have installed the plug-in as a separate component. When installed as part of WebLogic Integration 7.0 Service Pack 5 or higher, the `Manifest.mf` file included in the `httpplugin-ejb.jar` file reflects the WebLogic Integration 7.0 service pack level.

To allow you to easily determine the version of the BEA WebLogic Integration HTTP Plug-in, identifying information has been added to the `Manifest.mf` file.

For example, the `Manifest.mf` file for BEA WebLogic Integration HTTP Plug-in 7.1 contains the following:

```
Manifest-Version: 1.0
Created-By: Ant 1.4.1
Implementation-Vendor: BEA Systems
Class-Path:plugin-shared.jar
Implementation-Version: 7.1.0.0
Implementation-Title: WebLogic Integration BPM Interfaces 7.1
```

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, `7.1`)
- `Y` represents the service pack number (in this case, `0`)
- `ZZZZ` represents the build number of the release (in this case, `0`)

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 Integration HTTP Plug-in.

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 1. Miscellaneous Issues

1		**Class Not Found Exception**
	Problem	When you open the WebLogic Integration Studio while connected to the WebLogic Server running on either Red Hat Linux 7.2 or Red Hat Enterprise Linux AS 2.1, you may get the following exception message: `"ClassNotFoundException"`
	Platform	Red Hat Linux 7.2 or Red Hat Enterprise Linux AS 2.1

Table 1. Miscellaneous Issues (Continued)

Workaround

To avoid this, edit the `studio.cmd` file on the machine running the WebLogic Integration Studio, by adding the following lines in bold, at the location shown below:

- If the machine is on Windows:

```
set CP=WLI_HOME\lib\plugin-shared.jar;
WLI_HOME\lib\wlpi-studio.jar;
%WLICP%

set CP=%CP%;
WLI_HOME\lib\ebxml-bpm-plugin.jar;
WLI_HOME\lib\wlc-wlpi-plugin.jar;
WLI_HOME\lib\xfileplugin-ejb.jar;
WLI_HOME\lib\wlai-plugin-ejb.jar;
WLI_HOME\lib\sampleplugin-ejb.jar;
WLI_HOME\lib\wlxtpi.jar;
WLI_HOME\lib\ebxml-bpm-plugin.jar;
WLI_HOME\lib\wlai-plugin-ejb.jar;
WLI_HOME\lib\httpplugin-ejb.jar;
WLI_HOME\lib\emailplugin-ejb.jar;
WLI_HOME\lib\mdb-generator.jar;
WLI_HOME\lib\wliserver.jar;
WLI_HOME\lib\wlpi-aux.jar;
WLI_HOME\lib\wlpi-ejb.jar;
WLI_HOME\lib\wlpi-mdb-ejb.jar;

start %JAVA_HOME%\bin\javaw %COMM_CLIENT_VM%
-classpath "%CP%"
"-Dwli.samples=%SAMPLES_HOME%"
"-Dwli.bpm.studio.help=WLI_HOME\docs\help"
"-Durl=http://<localhost>:<port_number>"
com.bea.wlpi.client.studio.Studio
```

Table 1. Miscellaneous Issues (Continued)

Workaround	■ If the machine is on UNIX/Red Hat Linux:
	`CP=`*`WLI_HOME`*`/lib/plugin-shared.jar:`
	`WLI_HOME``/lib/wlpi-studio.jar:`
	`$WLICP`
	`CP=$CP:`
	*`WLI_HOME`***`/lib/ebxml-bpm-plugin.jar:`**
	*`WLI_HOME`***`/lib/wlc-wlpi-plugin.jar:`**
	*`WLI_HOME`***`/lib/wlai-plugin-ejb.jar:`**
	*`WLI_HOME`***`/lib/sampleplugin-ejb.jar:`**
	*`WLI_HOME`***`/lib/wlxtpi.jar:`**
	*`WLI_HOME`***`/lib/ebxml-bpm-plugin.jar:`**
	*`WLI_HOME`***`/lib/wlai-plugin-ejb.jar:`**
	*`WLI_HOME`***`/lib/xfileplugin-ejb.jar:`**
	*`WLI_HOME`***`/lib/httpplugin-ejb.jar:`**
	*`WLI_HOME`***`/lib/emailplugin-ejb.jar:`**
	*`WLI_HOME`***`/lib/mdb-generator.jar:`**
	*`WLI_HOME`***`/lib/wliserver.jar:`**
	*`WLI_HOME`***`/lib/wlpi-aux.jar:`**
	*`WLI_HOME`***`/lib/wlpi-ejb.jar:`**
	*`WLI_HOME`***`/lib/wlpi-mdb-ejb.jar:`**
	`start $JAVA_HOME/bin/javaw $COMM_CLIENT_VM`
	`-classpath "$CP"`
	`"-Dwli.samples=$SAMPLES_HOME"`
	`"-Dwli.bpm.studio.help=`*`WLI_HOME`*`/docs/help"`
	`"-Durl=http://<`*`localhost`*`>:<port_number>"`
	`com.bea.wlpi.client.studio.Studio`

Known Limitations

The following table describes limitations in the current release of the BEA WebLogic Integration HTTP Plug-in. 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 2. Known Limitations

1		**Two-Way SSL for WebLogic Integration 2.1**
	Problem	WebLogic Integration 2.1 does not support two-way SSL.
	Platform	All
	Workaround	No workaround exists currently.
2		**Synchronous Handling of Events**
	Problem	The HTTP Plug-in does not support synchronous handling of events because of a plug-in framework constraint.
	Platform	All
	Workaround	No workaround exists currently.
3		**Microsoft Proxy Server**
	Problem	The HTTP Plug-in does not support Microsoft Proxy Server. This is because Microsoft Proxy Server uses NT Lan Manager (NTLM) authentication, which is proprietary to Microsoft.
	Platform	All
	Workaround	No workaround exists currently.

Contacting BEA Customer Support

If you have any questions about this release of the BEA WebLogic Integration HTTP Plug-in, or if you have problems installing and running the plug-in, 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 message