



BEA WebLogic Adapter for MQSeries®

Release Notes

Release: 8.1.0
Document Date: July 2003

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Contents

About This Release of the BEA WebLogic Adapter for MQSeries	1-2
Supported Platforms.	1-2
Software Requirements	1-2
Determining the Adapter Version	1-3
Known Limitations	1-4
Contacting BEA Customer Support.	1-6

BEA WebLogic Adapter for MQSeries Release Notes

BEA WebLogic Adapter for MQSeries Release 8.1.0 **Date: October 2003**

This document includes the following topics:

- [About This Release of the BEA WebLogic Adapter for MQSeries](#)
- [Supported Platforms](#)
- [Software Requirements](#)
- [Determining the Adapter Version](#)
- [Known Limitations](#)
- [Contacting BEA Customer Support](#)

About This Release of the BEA WebLogic Adapter for MQSeries

An Enterprise Information System (EIS), such as MQSeries, enables an organization to implement complex information technology processes using best practice approaches, without the problems associated with designing, building, and maintaining the code in-house.

The challenge is that most organizations using a third-party EIS package need to integrate the EIS with other applications, inside and outside the organization. The BEA WebLogic Adapter for MQSeries incorporates in-depth knowledge of MQSeries to optimize the integration with other enterprise application systems.

The adapter supports the following product versions: IBM MQSeries 5.1 and 5.2, and WebSphere MQ 5.3.

Supported Platforms

The adapter is currently available on the following platforms:

- Sun Solaris 8 (with Sun recommended patches)
- Sun Solaris 9 (with Sun recommended patches)
- Microsoft Windows 2000 Professional with Service Pack 2 and higher
- Microsoft Windows 2000 Server with Service Pack 2 and higher
- Microsoft Windows 2000 Advanced Server with Service Pack 2 and higher
- Hewlett-Packard HP-UX 11.0
- Hewlett-Packard HP-UX 11i

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

<http://edocs.bea.com/wl.adapters/docs81/support/index.html>

Software Requirements

Before you install the BEA WebLogic Adapter for MQSeries, ensure that the following software has been installed:

- BEA WebLogic Platform 8.1

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 8.1 can be found at <http://edocs.bea.com/platform/docs81/install/index.html>

Note: The WebLogic Server and WebLogic Integration components *must* be installed.

- Java Runtime Environment (JRE) 1.4.1 or higher
- MQSeries 5.1 and 5.2, WebSphere MQ 5.3
- For MQSeries 5.1 and 5.2, WebSphere MQ SupportPac MA88: MQSeries classes for Java and MQSeries classes for Java Message Service
- Internet Explorer 6.0 or higher

Determining the Adapter Version

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

For example, the `Manifest.mf` file for BEA WebLogic Adapter for MQSeries 8.1.0 contains the following:

```
Manifest-Version: 1.0
Created-By: Apache Ant 1.5
Built-By: BEA Systems, Inc.
Label: BEAVIENNA.0002
Implementation-Title: BEA MQ Adapter 2003.07.22.112120 AM
Implementation-Version: 8.1.0.0002
Implementation-Vendor: BEA Systems
```

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, 8.1)
- `y` represents the service pack number (in this case, 0)
- `zzzz` represents the build number of the release (in this case, 0002)

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

Known Limitations

The following table describes limitations in the current release of the BEA WebLogic Adapter for MQSeries. 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 1-6](#).

Table 1. Known Limitations

1	Validation of input for SendMessage service type
Problem	If outbound messages contain MQRFH2 information, the message will not validate in WebLogic Workshop. Users can still retrieve data.
Platform	All
Workaround	Do not select the Validation flag in the client request.
2	Warning on deployment of EAR in a clustered environment
Problem	In a clustered environment, a warning is displayed if events are targeted at multiple nodes.
Platform	All
Workaround	The event generator must be pinned (targeted) to only one managed server in the clustered environment. Do this by editing the event connection Event Generator Target field in the WebLogic Integration Administration console under Application Integration. The value must be the valid name given to the managed server. For more information about the WebLogic Integration Administration console, see <i>Managing WebLogic Integration Solutions</i> at the following URL: http://e-docs.bea.com/wli/docs81/manage/index.html
3 CR107979	Stopping and Starting WebLogic Server

Table 1. Known Limitations (Continued)

Problem	After you delete an application view, if you stop the WebLogic Server and restart it, the server throws exception errors. The WebLogic Server also throws errors if you stop and restart it after you deploy the Adapter for MQSeries.
Platform	All
Workaround	No workaround exists currently.
4 CR107985	SendMessage Service
Problem	When the SendMessage service is configured with message type as Datagram and Data format as Text, for some character sets, the message appearing in the queue is garbled. This is because the language support required for the specified character set is not available on the system where the MQ Server resides.
Platform	All
Workaround	Ensure that the system where the MQ Server and WebLogic Server are running supports the specific character set. Alternatively, use a CCSID that the system can support and specify the corresponding character set code while configuring the service.
5 CR107987	GetMessage Service
Problem	GetMessage service is not supported for encodings that are not enabled on your MQSeries server.
Platform	All
Workaround	Install relevant language pack on your system.

Table 1. Known Limitations (Continued)

6	Invalid XML instance
Problem	XML Spy does not generate a valid XML instance from adapter schemas.
Platform	All
Workaround	Do not use XML Spy to generate XML instances from adapter schemas. Instead, see the <i>BEA WebLogic Adapter for MQSeries User Guide</i> for examples of valid XML instances at the following URL: http://edocs.bea.com/wladapters/mq/docs81/index.html
7	Validation of Send Services Request and Response Documents for a GetMessage Service or Event with MQRFH2 Contents
Problem	The Request Documents of SendMessage and SendRequest Services and the Response Documents of GetMessage Service fail when they contain MQRFH2 content with the message (application data) and when validated against their respective schemas.
Platform	All
Workaround	Do not use VariableName.validate() method for validating responses obtained in WebLogic Workshop variables. In your Workshop 8.1 environment, do not select the validate checkbox while configuring Client Request Node, and do not use the validate function on these Request and Response variables in the business process.

Contacting BEA Customer Support

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

