

iWay

iWay Release Notes for BEA WebLogic 8.1
Service Pack 3
Release Group 1
Version 5 Release 5

RELEASE NOTES

iWay 5.5 Release Group 1 for BEA WebLogic 8.1 Service Pack 3

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The following release notes describe known issues for iWay 5.5 Release Group 1 (RG1) for BEA WebLogic Service Pack 3 (SP3).

About the iWay 5.5 RG1 Release

The iWay 5.5 RG1 release notes for BEA WebLogic 8.1 SP3 address known limitations and miscellaneous issues relating to the following components:

- iWay Servlet Application Explorer. For more information, see *iWay Servlet Application Explorer* on page 1-3.
- WebLogic WorkShop Swing Application Explorer. For more information, see *WebLogic WorkShop Swing Application Explorer* on page 1-4.
- iWay Business Services Engine. For more information, see *iWay Business Services Engine* on page 1-5.
- JCA Resource Connector. For more information, see *JCA Resource Connector and Test Tool* on page 1-9.
- iWay Adapter for HIPAA for BEA WebLogic. For more information, see *iWay Adapter for HIPAA for BEA WebLogic* on page 1-10
- iWay Adapter for SWIFT for BEA WebLogic. For more information, see *iWay Adapter for SWIFT for BEA WebLogic* on page 1-11

General

The following section provides general issues that pertain to the iWay 5.5 RG1 for BEA WebLogic 8.1 SP3.

Adapter Compatibility

If you are currently using a BEA WebLogic adapter for an EIS (for example, SAP) and want to install an iWay 5.5 adapter for the same EIS using the same domain, conflicts may arise when attempting to connect to different versions of that EIS. This is a result of varying 3rd party file requirements. As a workaround, you must create a new domain for the iWay 5.5 adapter you are installing.

Stopping or Suspending Channels

When stopping or suspending an event channel in iWay 5.5, the channel will stop listening and any event data from the outbound system is lost as a result. You must start or resume the event channel to start receiving event data.

Clustering Support

In iWay 5.5 RG1 for BEA WebLogic 8.1 SP3, clustering is supported for services and events when deployed only to iWay Business Services Engine (iBSE). Clustering functionality for a JCA deployment will be available in iWay 5.5 Release Group 2 (RG2) for BEA WebLogic 8.1 SP3.

JCA Management and Monitoring

In iWay 5.5 RG1 for BEA WebLogic 8.1 SP3, JCA management and monitoring functionality is limited. iWay 5.5 Release Group 2 (RG2) for BEA WebLogic 8.1 SP3 will include enhancements and updates to JCA management and monitoring.

Synchronous Event Processing

In iWay 5.5 RG1 for BEA WebLogic 8.1 SP3, synchronous event processing using the SOAP disposition protocol is partially supported.

Supported Platforms

The following section provides a summary of supported platforms for iWay 5.5 RG1 for BEA WebLogic 8.1 SP3.

Operating System Requirements

At this time, iWay 5.5 RG1 for BEA WebLogic 8.1 SP3 is supported on the following operating systems:

- Microsoft Windows 2000 with SP2 and Windows 2003
- Linux
- Solaris 8 and 9
- HP/UX 11
- AIX 5

For additional operating system support information, contact iWay Software Customer Support.

BEA Requirements

Ensure that BEA WebLogic Server 8.1 (with service pack 3) is properly installed and functioning before configuring it for use with iWay 5.5 RG1. For more information on BEA WebLogic installation and configuration, see BEA documentation. You should install available BEA WebLogic service packs before installing iWay.

iWay Servlet Application Explorer

The following topics provide information about iWay Servlet Application Explorer (iAE) Release 5.5.

Software Requirements

For a list of software requirements and supported platforms that apply to iAE, see the *iWay 5.5 Installation and Configuration for BEA WebLogic Version 5 Release 5* documentation.

Known Limitations

This section describes limitations in the current iAE and includes possible workarounds, where applicable.

Please contact Customer Support for assistance in tracking any unresolved problems. For contact information, see the section *Customer Support* on page 1-12.

1	Idle Targets
Problem	<p>If a particular EIS target in iWay Servlet Application Explorer (iAE) is idle and you try to perform any operation for that target, the following error message displays:</p> <p><code>session is removed for sid</code></p> <p>iAE indicates that the target is still connected, but no operations can be performed.</p>
Platform	All.
Workaround	<p>In the left pane of iAE, select the target and disconnect from it. Reconnect to the target once this is done.</p>

WebLogic WorkShop Swing Application Explorer

The following topics provide information about WebLogic WorkShop Swing Application Explorer (iAE) Release 5.5, which is integrated within BEA WebLogic WorkShop.

Software Requirements

For a list of software requirements and supported platforms that apply to iAE, see the *iWay 5.5 Installation and Configuration for BEA WebLogic Version 5 Release 5* documentation.

Known Limitations

This section describes limitations in the current iAE within WLI 8.1 WorkShop and includes possible workarounds, where applicable.

Please contact Customer Support for assistance in tracking any unresolved problems. For contact information, see the section *Customer Support* on page 1-12.

1	Long Method and Service Names
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Problem	When you use long Method and Service names in iAE, WebLogic WorkShop displays the following error when compiling WSDL: <i>The system cannot find the path specified.</i>
Platform	All.
Workaround	Use a shorter TEMP environment variable setting and shorter Service and Method names in iAE. Another option is to set shorter namespaces using XSDCONFIG in WebLogic WorkShop.
2	Underscore Characters in Service and Method Names
Problem	If you create a service or method using WebLogic WorkShop Swing iAE or Servlet iAE that uses underscore characters, WebLogic Workshop generates an incorrect JCX control file that contains an incorrect input argument.
Platform	All.
Workaround	Do not use an underscore character when naming a service or method.
3	Format Adapter Channels
Problem	When using a JCA configuration, you are unable to start a channel for an iWay format adapter.
Platform	All.
Workaround	Use the servlet version of iAE or the JCA Test Tool to start the channel for a JCA configuration.

iWay Business Services Engine

The following topics provide information about iWay Business Services Engine (iBSE) Release 5.5.

Software Requirements

For a list of software requirements and supported platforms that apply to iBSE, see the *iWay 5.5 Installation and Configuration for BEA WebLogic Version 5 Release 5* documentation.

Known Limitations

This section describes limitations in iBSE and includes possible workarounds, where applicable.

Please contact Customer Support for assistance in tracking any unresolved problems. For contact information, see the section *Customer Support* on page 1-12.

1	SOAP Address in the Production Mode
<p>Problem</p>	<p>The BEA WebLogic WorkShop application (.ear) using the Service Control created from WSDL that is generated by iBSE, contains the development machine address as the SOAP address. WebLogic WorkShop compiles this WSDL file and saves the address in a JCX control file under the annotation tag <code>@jc:location</code>.</p> <pre><soap:address location="http://abc.beasys.com:7001/ibse/ IBSEServlet/XDSOAPRouter"/> @jc:location http-url="http://abc.beasys.com:7001/ibse/ IBSEServlet/XDSOAPRouter"</pre> <p>The Web service request will not work if you deploy the developed application on a different machine (when the IP address changes), different domain (when the IP and Port change) or build the .ear file and deploy it on a different environment (when IP, Port, and machine name change). This limitation occurs on both migration of the application/ear and on the production mode.</p>
<p>Platform</p>	<p>All.</p>
<p>Workaround</p>	<p>On Service Control it is possible to set the URI dynamically. During Service Control creation, set the method <code>setEndPoint(URL url)</code>. You then can dynamically change the URL after deployment to point to any machine.</p> <p>Another option is to modify the WSDL file during design time, correct the SOAP address and update the <code>@jc:location</code> tag in the JCX file to the new environment or target environment. This will require you to re-deploy the user application.</p>
2	Unique WSDL File Target Namespace

Problem	<p>In WebLogic WorkShop, a WSDL file target namespace must be unique to avoid errors during compilation. If you import multiple WSDL files (BAPI, RFC) that are generated from iBSE, the WebLogic WorkShop compiler displays the following error.</p> <pre>Created dir: D:\TEMP\wlw-temp-64130\wlw_compile34484\Schemas ERROR: error: Duplicate globalelement: ibsinform@urn:schemas-iwaysoftware-com:iwse ERROR: error: Duplicate globalelement: adapterexception@urn:schemas-iwaysoftware-com:iwse</pre>
Platform	All.
Workaround	Modify the WSDL file target namespace to a unique namespace or create a new schema project for each WSDL file.
3	Security Header Information
Problem	<p>When creating Web services, service, method, and license values are placed in the WSDL document. However, these values are also required in the SOAP header.</p> <p>During run time, the service, method, and license values are used from the WSDL document and not the SOAP envelope and header.</p>
Platform	All.
Workaround	The service, method, and license values will be used directly from the SOAP header in a future release.
4	Oracle Repository Driver
Problem	When configuring the Oracle repository for iBSE, the ojdbc14 driver is not supported.
Platform	All.
Workaround	If you are running in a clustered environment, configure the SQL server database. If you are running in a single environment, configure the SQL server database or a File repository.

JCA Resource Connector and Test Tool

The following topics provide information about the JCA Resource Connector and test tool.

Software Requirements

For a list of software requirements that apply to the JCA Resource Connector, see the *iWay 5.5 Installation and Configuration for BEA WebLogic Version 5 Release 5* documentation.

Known Limitations

This section describes limitations in the current JCA Resource Connector and test tool, and includes possible workarounds, where applicable.

Please contact Customer Support for assistance in tracking any unresolved problems. For contact information, see the section *Customer Support* on page 1-12.

1	Creating an iWay Extensible CCI control
Problem	If you are using iWay adapters in a JCA deployment mode and create an iWay Extensible CCI control in WebLogic Workshop, the resulting JCX file has a hard-coded target (connection) name. The resulting EAR file from BEA WebLogic Workshop has the connection/target name set to the EIS used in development mode. When you try to move the EAR file from development mode to production mode and a different EIS target is used in production, you will receive errors.
Platform	All
Workaround	<p>As a best practice, use the same logical name while creating a target on both development and production machines.</p> <p>Another workaround is, during design time, to pass in the target name using the method <code>SetTarget</code> in the JCA control. In development mode, pass in the target/connection information for the development mode EIS, and in production mode pass in the target/connection for the production mode EIS.</p>
2	BouncyCastle Exception

Problem	When using the JCA Test Tool, a <code>ClassNotFoundException</code> exception is received.
Platform	All.
Workaround	This exception does not affect the functionality of the JCA Test Tool and can be ignored. It will be fixed in the RG2 release.

iWay Adapter for HIPAA for BEA WebLogic

The following topics provide information about the iWay Adapter for HIPAA for BEA WebLogic.

Software Requirements

For a list of software requirements that apply to the iWay Adapter for HIPAA for BEA WebLogic, see the *iWay 5.5 Installation and Configuration for BEA WebLogic Version 5 Release 5* documentation.

Known Limitations

This section describes limitations in the current iWay Adapter for HIPAA for BEA WebLogic and includes possible workarounds, where applicable.

Please contact Customer Support for assistance in tracking any unresolved problems. For contact information, see the section *Customer Support* on page 1-12.

1	HIPAA-ANY and BatchSplitter
Problem	When configuring the iWay Adapter for HIPAA for BEA WebLogic, the HIPAA-ANY and BatchSplitter transformations are only working for the File channel.
Platform	All
Workaround	A patch for the HTTP channel will be distributed for Phase II RG1 drop (build 807) 5.5.006 R1 if necessary.
2	Long Namespace in WSDL File

Problem	When compiling a WSDL file created using the iWay Adapter for HIPAA for BEA WebLogic in WebLogic WorkShop, the following error occurs: <code>An unexpected exception occurred while attempting to locate the run-time information for this Web Service. Error: java.lang.reflect.InvocationTargetException :null</code>
Platform	All
Workaround	Manually shorten the request namespace in the WSDL file, but retain the original response namespace.

iWay Adapter for SWIFT for BEA WebLogic

The following topics provide information about the iWay Adapter for SWIFT for BEA WebLogic.

Software Requirements

For a list of software requirements that apply to the iWay Adapter for SWIFT for BEA WebLogic, see the *iWay 5.5 Installation and Configuration for BEA WebLogic Version 5 Release 5* documentation.

Known Limitations

This section describes limitations in the current iWay Adapter for SWIFT for BEA WebLogic and includes possible workarounds, where applicable.

Please contact Customer Support for assistance in tracking any unresolved problems. For contact information, see the section *Customer Support* on page 1-12.

1	Empty <ERROR> Tags
Problem	During event transformations, empty <ERROR> tags from the final XML document are not removed even though the transformation is successful. As a result, the XML does not match the event schema in the WebLogic WorkShop.
Platform	All

Workaround

A patch for the iWay Adapter for SWIFT for BEA WebLogic will be distributed for Phase II RG1 drop (build 807) 5.5.006 R1 if necessary.

Customer Support

If you have any questions about iWay RG1 adapters for BEA WebLogic 8.1 SP3, or if you have problems installing and running the adapters, contact BEA Customer Support through BEA WebSupport at <http://support.bea.com>.

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 product you are using
- A description of the problem and the content of pertinent error messages

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