



BEA WebLogic RFID Edge Server™

Release Notes

Version 2.0 SP1
Revised: May 26, 2006

Copyright

Copyright © 1995-2006 BEA Systems, Inc. All Rights Reserved.

Restricted Rights Legend

This software is protected by copyright, and may be protected by patent laws. No copying or other use of this software is permitted unless you have entered into a license agreement with BEA authorizing such use. This document is protected by copyright and may not be copied photocopied, reproduced, translated, or reduced to any electronic medium or machine readable form, in whole or in part, without prior consent, in writing, from BEA Systems, Inc.

Information in this document is subject to change without notice and does not represent a commitment on the part of BEA Systems. THE DOCUMENTATION IS PROVIDED “AS IS” WITHOUT WARRANTY OF ANY KIND INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. FURTHER, BEA SYSTEMS DOES NOT WARRANT, GUARANTEE, OR MAKE ANY REPRESENTATIONS REGARDING THE USE, OR THE RESULTS OF THE USE, OF THE DOCUMENT IN TERMS OF CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE.

Trademarks and Service Marks

Copyright © 1995-2006 BEA Systems, Inc. All Rights Reserved. BEA, BEA JRockit, BEA WebLogic Portal, BEA WebLogic Server, BEA WebLogic Workshop, Built on BEA, Jolt, JoltBeans, SteelThread, Top End, Tuxedo, and WebLogic are registered trademarks of BEA Systems, Inc. BEA AquaLogic, BEA AquaLogic Data Services Platform, BEA AquaLogic Enterprise Security, BEA AquaLogic Interaction, BEA AquaLogic Interaction Analytics, BEA AquaLogic Interaction Collaboration, BEA AquaLogic Interaction Content Services, BEA AquaLogic Interaction Data Services, BEA AquaLogic Interaction Integration Services, BEA AquaLogic Interaction Process, BEA AquaLogic Interaction Publisher, BEA AquaLogic Interaction Studio, BEA AquaLogic Service Bus, BEA AquaLogic Service Registry, BEA Builder, BEA Campaign Manager for WebLogic, BEA eLink, BEA Kodo, BEA Liquid Data for WebLogic, BEA Manager, BEA MessageQ, BEA WebLogic Commerce Server, BEA WebLogic Communications Platform, BEA WebLogic Enterprise, BEA WebLogic Enterprise Platform, BEA WebLogic Enterprise Security, BEA WebLogic Express, BEA WebLogic Integration, BEA WebLogic Java Adapter for Mainframe, BEA WebLogic JDriver, BEA WebLogic Log Central, BEA WebLogic Mobility Server, BEA WebLogic Network Gatekeeper, BEA WebLogic Personalization Server, BEA WebLogic Personal Messaging API, BEA WebLogic Platform, BEA WebLogic Portlets for Groupware Integration, BEA WebLogic Real Time, BEA WebLogic RFID Compliance Express, BEA WebLogic RFID Edge Server, BEA WebLogic RFID Enterprise Server, BEA WebLogic Server Process Edition, BEA WebLogic SIP Server, BEA WebLogic WorkGroup Edition, BEA Workshop for WebLogic Platform, BEA Workshop JSP, BEA Workshop JSP Editor, BEA Workshop Struts, BEA Workshop Studio, Dev2Dev, Liquid Computing, and Think Liquid are trademarks of BEA Systems, Inc. Accelerated Knowledge Transfer, AKT, BEA Mission Critical Support, BEA Mission Critical Support Continuum, and BEA SOA Self Assessment are service marks of BEA Systems, Inc.

All other names and marks are property of their respective owners.

Contents

1. WebLogic RFID Edge Server SP 1 Known and Resolved Issues	
What's New in WebLogic RFID Edge Server 2.0 SP1	1-1
Known Problems	1-2
Resolved Issues	1-3

WebLogic RFID Edge Server SP 1 Known and Resolved Issues

Install WebLogic RFID Edge Server 2.0 Service Pack 1 by following the instructions in [Installing WebLogic RFID Edge Server](#). If you are upgrading your WebLogic RFID Edge Server 2.0 installation to WebLogic RFID Edge Server 2.0 Service Pack 1, the upgrade installer lets you install the latest software while preserving your existing configuration information.

Note: Prior to upgrading, read and follow the steps in [Backing Up Your System](#) in *Installing WebLogic RFID Edge Server*.

The following sections describe the new features and document known problems in WebLogic RFID Edge Server 2.0 Service Pack 1, as well as known issues in WebLogic RFID Edge Server 2.0 that are resolved in Service Pack 1.

- “What’s New in WebLogic RFID Edge Server 2.0 SP1” on page 1-1
- “Known Problems” on page 1-2
- “Resolved Issues” on page 1-3

For known problems and workarounds in WebLogic RFID Edge Server 2.0, see the 2.0 [Release Notes](#).

What’s New in WebLogic RFID Edge Server 2.0 SP1

- New RFID Devices supported—see [New Features in This Release](#) in the *RFID Reader Reference*.
- Support for TCP, PLC, and directional triggers—see [Triggers](#) in the *RFID Reader Reference*.

Known Problems

The following section describes problems that were found in WebLogic RFID Edge Server 2.0 Service Pack 1. Entries include a description of the problem, and a workaround or solution where appropriate.

Tracking Number	Description and Workaround
[vendor issue]	<p>The tag programming feature (including tag locking and killing tags) in Symbol readers (XR400 v2.0.18 and AR400 v5.0.4) might not work due to reader firmware issues.</p> <p>Workaround or Solution:</p> <p>Restart the reader (power off and on).</p>
[vendor issue]	<p>When using the Printronix Device Management Language (PXML), if the Ethernet cable connection is lost, the Edge Server has difficulty reconnecting to the printer due to a PXML API issue.</p> <p>Workaround or Solution:</p> <p>Restart the Edge Server.</p>
	<p>When using the Printronix Device Management Language (PXML), the Edge Server attempts only two RFID tag programming retries before declaring a failure.</p>
TT4335	<p>If you configured the CAEN Technologies A928 RFID reader in Edge Server 2.0 and upgrade to Edge Server Service Pack 1, the Edge Server will not start unless you have installed the 2.2 version of the CAEN Java library.</p> <p>Solution:</p> <ul style="list-style-type: none"> Copy the <code>CAENRFIDLibrary.jar</code> version 2.2 file to the <code>lib</code> subdirectory of your WebLogic RFID Edge Server Service Pack 1 installation before starting the software. <p>Workaround:</p> <ul style="list-style-type: none"> Edit the following parameter in the <code>edge.props</code> file: <code>com.connecterra.ale.persistence.allowBadData = true</code> The Edge Server starts (it ignores the configuration errors from the state persistence data), however, the CAEN reader driver remains unavailable without the 2.2 version of the library.

Resolved Issues

The following section describes problems that were found in WebLogic RFID Edge Server 2.0 and are resolved in Service Pack 1.

Change Request Number	Description
CR272788	Reader Simulator now correctly displays SGLN and GRAI EPCs.
CR272992	Two known issues which caused the Edge Server to have an extended start up time when some readers were unreachable, have been eliminated. A third known issue will be fixed in the next Edge Server release.
CR273398	<code>ALEPC.immediate(PCSpec, URI)</code> no longer throws a null pointer exception if the URI is null.
CR273520	Exporting Edge Server configuration objects using the Administration Console now includes device filters.
CR274235	Using the <code>ProgrammingSample</code> program to write tags to a Printronix printer sometimes failed; writing the tag succeeded but the ALEPC call failed. This issue has been fixed.
CR274998	The following ALEPC calls no longer throw exceptions: <ul style="list-style-type: none"> • <code>PCWriteReport.getTerminationCondition()</code> throws <code>IllegalArgumentException</code> • <code>PCSpec.addAccessSpec()</code> throws <code>NullPointerException</code>
CR275241	Some readers continued reading indefinitely after a single <code>poll()</code> call. This issue has been fixed.

WebLogic RFID Edge Server SP 1 Known and Resolved Issues