



BEA WebLogic RFID Edge Server™

Release Notes

Version 2.1 SP1
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WebLogic RFID Edge Server SP 1 Known and Resolved Issues

Install WebLogic RFID Edge Server 2.1 Service Pack 1 by following the instructions in [Installing WebLogic RFID Edge Server](#). If you are upgrading your WebLogic RFID Edge Server 2.1 installation to WebLogic RFID Edge Server 2.1 Service Pack 1, the upgrade installer lets you install the latest software while preserving your existing configuration information. Prior to upgrading, read and follow the steps in [Backing Up Your System](#) in *Installing WebLogic RFID Edge Server*.

Note: The upgrade installer only upgrades a WebLogic RFID Edge Server 2.1 installation.

The following sections describe the new features and document known problems in WebLogic RFID Edge Server 2.1 Service Pack 1, [as well as known issues in WebLogic RFID Edge Server 2.1 that are resolved in Service Pack 1](#).

- [“What’s New in WebLogic RFID Edge Server 2.1 SP1” on page 1-1](#)
- [“Known Problems” on page 1-2](#)

For known problems and workarounds in WebLogic RFID Edge Server 2.1, see the 2.1 [Release Notes](#).

What’s New in WebLogic RFID Edge Server 2.1 SP1

- New RFID Devices supported—see [New Features in This Release](#) in the *RFID Reader Reference*.
- RFID Devices no longer supported—Printronic T5000e. The T5000e has been replaced by the SL5000r.

Known Problems

The following section describes problems that were found in WebLogic RFID Edge Server 2.1 Service Pack 1. Entries include a description of the problem, and a workaround or solution where appropriate.

Tracking Number	Description and Workaround
	<p>The Printronix SL5000r reader driver has the following limitations:</p> <ul style="list-style-type: none"> Does not support permanent tag locking. In a PCSpec, if you specify permanent locking no tag programming occurs. Enables writing to kill password, access password, and epc memory banks only. You cannot write to the access and kill password memory banks without also specifying an epc. You cannot write to a tag which was locked previously. In a PCSpec, if you specify an existing access password it will be ignored. In a PCSpec, to specify tag locking, you must also specify a new access password; otherwise, no tag programming occurs. In a PCSpec, if you specify multiple lock and mask bits, only the last one specified is considered. The workaround is to specify all the lock bits and all the mask bits, each in a single element. In a PCSpec, if you specify not locking the access password and locking any of the other memory banks, the access password will also be locked. Short write timeout values will likely result in verification failures.
[vendor issue]	<p>If the network connection to the SATO printer is lost, the Edge Server has difficulty reconnecting to the printer.</p> <p>Workaround or Solution:</p> <p>Restart the printer (power off and on).</p>
[vendor issue]	<p>If the network connection to the Impinj reader is lost, the Edge Server has difficulty reconnecting to the reader.</p> <p>Workaround or Solution:</p> <p>Restart the reader (power off and on).</p>
CR284883	<p>In order to prevent a deadlock, the <code>com.connecterra.ale.readerConcurrency</code> property in <code>edge.props</code> must be 0 (the default) or greater or equal to the number of readers.</p>

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