

Liberica JDK 8u462+11

Release Notes



Liberica JDK
8u462
July 16, 2025

be//soft

Copyright © BellSoft Corporation 2018-2025.

BellSoft software contains open source software. Additional information about third party code is available at https://bell-sw.com/third_party_licenses. You can also get more information on how to get a copy of source code by contacting info@bell-sw.com.

THIS INFORMATION MAY CHANGE WITHOUT NOTICE. TO THE EXTENT PERMITTED BY APPLICABLE LAW, BELLSOFT PROVIDES THIS DOCUMENTATION “AS IS” WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT WILL BELLSOFT BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOSS OR DAMAGE, DIRECT OR INDIRECT, FROM THE USE OF THIS DOCUMENTATION, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST INVESTMENT, BUSINESS INTERRUPTION, GOODWILL, OR LOST DATA, EVEN IF BELLSOFT IS EXPRESSLY ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

The use of any software product referenced in this document is governed by the applicable license agreement, which is not modified in any way by the terms of this notice.

Alpaquita, Liberica and BellSoft are trademarks or registered trademarks of BellSoft Corporation. The registered trademark Linux® is used pursuant to a sublicense from the Linux Foundation, the exclusive licensee of Linus Torvalds, owner of the mark on a worldwide basis. Java and OpenJDK are trademarks or registered trademarks of Oracle and/or its affiliates. Other trademarks are the property of their respective owners and are used only for identification purposes.

Contents

1. Version information	5
<hr/>	
2. What's New	6
<hr/>	
Notable Changes	6
IANA TZ Data update	8
Future Timestamps:	8
Past Timestamps:	9
Code Fixes:	9
3. Known Issues	10
<hr/>	
4. Fixed CVEs	11
<hr/>	
5. Resolved Issues	12
<hr/>	
JDK issues	12
JFX issues	14

6. Updates to Third Party Libraries	16
-------------------------------------	----

7. Upgrading to the New Version	17
---------------------------------	----

1. Version information

This document provides information about Liberica JDK 8u462 release.

The full version string for this update release is 8u462+11. The version number is 8.

Liberica JDK 8 is distributed as .apk, .rpm, .zip, .deb, and .tar.gz packages. Please select the most appropriate for your purposes.

2. What's New

This release contains the following updates and new features.

Notable Changes

This is the list of the notable issues fixed in this release.

Issue ID	
JDK-8303770	<p>Summary: Removed Baltimore CyberTrust Root Certificate After Expiry Date</p> <p>Description: The following expired root certificate has been removed from the cacerts keystore: alias name baltimorecybertrustca [jdk], Distinguished Name: CN=Baltimore CyberTrust Root, OU=CyberTrust, O=Baltimore, C=IE.</p>

Issue ID	
JDK-8350498	<p>Summary: Removed Two Camerfirma Root Certificates</p> <p>Description: The following root certificates, which are terminated and no longer in use, have been removed from the <code>cacerts</code> keystore: alias name <code>camerfirmachamberscommerceca</code> [jdk], Distinguished Name: CN=Chambers of Commerce Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU; alias name <code>camerfirmachambersignca</code> [jdk], Distinguished Name: CN=Global Chambersign Root - 2008, O=AC Camerfirma S.A., SERIALNUMBER=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU.</p>
JDK-8352716	<p>Summary: Update Timezone Data to 2025b</p> <p>Description: The 2025b release of the tz code and data contains the following changes: New zone for Aysén Region in Chile which moves from -04/-03 to -03.</p>

Issue ID

JDK-8359170

Summary: Added 4 New Root Certificates from Sectigo Limited

Description: The following Sectigo Limited root certificates have been added to the cacerts truststore: sectigocodesignroote46, DN: CN=Sectigo Public Code Signing Root E46, O=Sectigo Limited, C=GB; sectigocodesignrootr46, DN: CN=Sectigo Public Code Signing Root R46, O=Sectigo Limited, C=GB; sectigotlsroote46, DN: CN=Sectigo Public Server Authentication Root E46, O=Sectigo Limited, C=GB; sectigotlsrootr46, DN: CN=Sectigo Public Server Authentication Root R46, O=Sectigo Limited, C=GB.

IANA TZ Data update

This release of Liberica JDK 8u462 upgrades the in-tree copy of the [IANA timezone database](#) to 2025b. The following are the key changes of this update:

Future Timestamps:

New Time Zone:

A new time zone, America/Coyhaique, is created for Chile's Aysén Region, which will now observe UTC−03 year-round (no daylight saving time).

- This diverges from America/Santiago starting March 20, 2025.
- Aysén will not change clocks on April 5, 2025.
- This aligns Aysén with Magallanes Region.

Past Timestamps:

Iran Time Change Correction:

Iran changed from UTC+04 to UTC+03:30 on November 10, 1978, not at the end of the year as previously recorded.

Code Fixes:

Improved behavior for the zic tool:

- It no longer creates invalid symlinks when using -l with multiple arguments.
- A buffer underflow issue is resolved.

For more information, see [JDK-8352716](#).

3. Known Issues

This release does not contain any known issues.

4. Fixed CVEs

This is the list of the security issues fixed in this release. CVSS scores are provided using the CVSS version 3.1 scoring system.

CVE ID	CVSS score	Component	Module	Attack Vector	Complexity	Privileges	User Interaction	Scope	Confidentiality	Integrity	Availability
CVE-2025-24855	7.5	javafx	web	network	high	none	required	unchanged	high	high	high
CVE-2025-27113	7.5	javafx	web	network	high	none	required	unchanged	high	high	high
CVE-2025-30749	8.1	client-libs	2d	network	high	none	none	unchanged	high	high	high
CVE-2025-30754	4.8	security-libs	javax.net.ssl	network	high	none	none	unchanged	low	low	none
CVE-2025-30761	5.9	core-libs	javax.script	network	high	none	none	unchanged	none	high	none
CVE-2025-50106	8.1	client-libs	2d	network	high	none	none	unchanged	high	high	high

5. Resolved Issues

JDK issues

This is the list of general JDK issues fixed in this release.

Issue ID	Summary
JDK-8026976	ECParameters, Point does not match field size
JDK-8028998	[TEST_BUG] [macosx] java/awt/dnd/DropTargetEnterExitTest/Missed DragExitTest.java failed
JDK-8046883	com/sun/jdi/ProcessAttachTest.sh gets "java.io.IOException: Invalid process identifier" on windows
JDK-8071996	split_if accesses NULL region of ConstraintCast
JDK-8159694	HiDPI, Unity, java/awt/dnd/DropTargetEnterExitTest/Missed DragExitTest.java
JDK-8186143	keytool -ext option doesn't accept wildcards for DNS subject alternative names
JDK-8186787	clang-4.0 SIGSEGV in Unsafe_PutByte
JDK-8240235	jdk.test.lib.util.JarUtils updates jar files incorrectly

Issue ID	Summary
JDK-8248001	javadoc generates invalid HTML pages whose ftp:// links are broken
JDK-8274597	Some of the dnd tests time out and fail intermittently
JDK-8274606	Fix jaxp/javax/xml/jaxp/unittest/transform/SurrogateTest.java test
JDK-8278472	Invalid value set to CANDIDATEFORM structure
JDK-8293107	GHA: Bump to Ubuntu 22.04
JDK-8296631	NSS tests failing on OL9 linux-aarch64 hosts
JDK-8303770	Remove Baltimore root certificate expiring in May 2025
JDK-8309841	Jarsigner should print a warning if an entry is removed
JDK-8339810	Clean up the code in sun.tools.jar.Main to properly close resources and use ZipFile during extract
JDK-8341946	[8u] sun/security/pkcs11/ec/ tests fail on RHEL9
JDK-8345133	Test sun/security/tools/jarsigner/TsacertOptionTest.java failed: Warning found in stdout
JDK-8345625	Better HTTP connections

Issue ID	Summary
JDK-8346887	DrawFocusRect() may cause an assertion failure
JDK-8348989	Better Glyph drawing
JDK-8349111	Enhance Swing supports
JDK-8349594	Enhance TLS protocol support
JDK-8350498	Remove two Camerfirma root CA certificates
JDK-8351098	Bump update version of OpenJDK: 8u462
JDK-8351422	Improve scripting supports
JDK-8351439	[8u] test/java/util/TimeZone/tools/share/Makefile use wrong path to tzdb
JDK-8352716	(tz) Update Timezone Data to 2025b
JDK-8353433	XCG currency code not recognized in JDK 8u
JDK-8356096	ISO 4217 Amendment 179 Update
JDK-8359170	Add 2 TLS and 2 CS Sectigo roots
JDK-8360147	Better Glyph drawing redux

JFX issues

This is the list of JFX issues fixed in this release.

Issue ID	Summary
JDK-8296590	StraightLineTest fails always on Linux and sometimes on other platforms
JDK-8352162	Update libxml2 to 2.13.8
JDK-8352164	Update libxslt to 1.1.43
JDK-8354876	Update SQLite to 3.49.1
JDK-8354940	Fail to sign in to Microsoft sites with WebView

6. Updates to Third Party Libraries

This is the list of changes in the third party libraries.

Library	Full name	New Version	Module	JBS number
FreeType	FreeType	2.13.3	java.desktop	8348596
libxml2	libxml2	2.13.8	javafx.web	8352162
libxslt	libxslt	1.1.43	javafx.web	8352164
SQLite	SQLite	3.49.1	javafx.web	8354876

7. Upgrading to the New Version

To keep your Liberica JDK up-to-date and secure, always upgrade to the newest available version once it is released. To upgrade, install the new version over the previous one. For the installation instructions, see [Liberica JDK Installation Guide](#).



Liberica JDK 8u462+11

Release Notes

be//soft