

Liberica JDK 11.0.29+10

Release Notes



Liberica JDK
11.0.29
October 21, 2025

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1. Version information

This document provides information about Liberica JDK 11.0.29 release.

The full version string for this update release is 11.0.29+10. The version number is 11.

Liberica JDK 11 is distributed as `.apk`, `.rpm`, `.zip`, `.deb`, `.pkg`, 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-8361212	Summary: Removed Four AffirmTrust Root Certificates Description: The following root certificates, which are deactivated and no longer in use, have been removed from the <code>cacerts</code> keystore: + alias name "affirmtrustcommercialca [jdk]" Distinguished Name: CN=AffirmTrust Commercial, O=AffirmTrust, C=US; + alias name "affirmtrustnetworkingca [jdk]" Distinguished Name: CN=AffirmTrust Networking, O=AffirmTrust, C=US; + alias name "affirmtrustpremiumca [jdk]" Distinguished Name: CN=AffirmTrust Premium, O=AffirmTrust, C=US; + alias name "affirmtrustpremiumeccca [jdk]" Distinguished Name: CN=AffirmTrust Premium ECC, O=AffirmTrust, C=US

Graal support in Liberica JDK 11

Liberica JDK continues to provide support for AOT and Graal JIT. Since in OpenJDK 11 builds these features are deemed experimental and deprecated, it is recommended to compile native executables with [Liberica Native Image Kit](#) to avoid errors.

IANA TZ Data update

This release of Liberica JDK 11.0.29 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-2025-31257	7.5	javafx	web	network	high	none	required	unchanged	high	high	high
CVE-2025-53057	5.9	security-libs	java.security	network	high	none	none	unchanged	none	high	none
CVE-2025-53066	4.8	xml	jaxp	network	high	none	none	unchanged	low	none	low

5. Resolved Issues

JDK issues

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

Issue ID	Summary
JDK-8211328	Different declaration and definition of <code>ClassLoaderData::classes_do()</code> leads to build failures
JDK-8211804	Constant <code>AO_UNUSED_MBZ</code> uses left shift of negative value
JDK-8212155	Race condition when posting <code>dynamic_code_generated</code> event leads to JVM crash
JDK-8231943	ZGC: Enable serviceability/dcmd/gc/RunGCTest
JDK-8247362	<code>HeapDumpCompressedTest.java#id0</code> fails due to "Multiple garbage collectors selected"
JDK-8268463	Windows 32bit build fails in <code>DynamicCodeGenerated\libDynamicCodeGenerated.cpp</code>
JDK-8274453	(sctp) <code>com/sun/nio/sctp/SctpChannel/CloseDescriptor.s.java</code> test should be resilient to <code>IsOf</code> warnings

Issue ID	Summary
JDK-8312518	[macos13] setFullScreenWindow() shows black screen on macOS 13 & above
JDK-8315774	Enable parallelism in vmTestbase/gc/g1/unloading tests
JDK-8316497	ColorConvertOp - typo for non-ICC conversions needs one-line fix
JDK-8318605	Enable parallelism in vmTestbase/nsk/stress/stack tests
JDK-8319197	Exclude hb-subset and hb-style from compilation
JDK-8322920	Some ProcessTools.execute* functions are declared to throw Throwable
JDK-8340185	Use make -k on GHA to catch more build errors
JDK-8343618	Stack smashing in awt_InputMethod.c on Linux s390x
JDK-8345414	Google CAInterop test failures
JDK-8348328	Update IANA Language Subtag Registry to Version 2025-05-15
JDK-8348597	Update HarfBuzz to 10.4.0
JDK-8348760	RadioButton is not shown if JRadioButtonMenuItem is rendered with ImageIcon in WindowsLookAndFeel

Issue ID	Summary
JDK-8350540	[17u,11u] B8312065.java fails Network is unreachable
JDK-8352637	Enhance bytecode verification
JDK-8352942	jdk/jfr/startupargs/TestMemoryOptions.java fails with 32-bit build
JDK-8355051	Problemlist java/awt/Graphics2D/CopyAreaOOB.java on macosx-aarch64
JDK-8355249	Remove the use of WMIC from the entire source code
JDK-8356053	Test java/awt/Toolkit/Headless/HeadlessToolkit.java fails by timeout
JDK-8356294	Enhance Path Factories
JDK-8357193	[VS 2022 17.14] Warning C5287 in debugInit.c: enum type mismatch during build
JDK-8358325	Bump update version of OpenJDK: 11.0.29
JDK-8358538	Update GHA Windows runner to 2025
JDK-8360042	GHA: Bump MSVC to 14.44
JDK-8360816	[11u] Use default value for ProgramFiles(x86) in GHA
JDK-8360937	Enhance certificate handling

Issue ID	Summary
JDK-8361212	Remove AffirmTrust root CAs
JDK-8363965	GHA: Switch cross-compiling sysroots to Debian bookworm
JDK-8365375	Method SU3.setAcceleratorSelectionForeground assigns to acceleratorForeground
JDK-8365389	Remove static color fields from SwingUtilities3 and WindowsMenuItemUI
JDK-8365811	test/jdk/java/net/CookieHandler/B6644726.jav a failure - "Should have 5 cookies. Got only 4, expires probably didn't parse correctly"
JDK-8368308	ISO 4217 Amendment 180 Update

JFX issues

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

Issue ID	Summary
JDK-8328684	HellowWebView demo crashes when a webpage is scrolled
JDK-8356982	Update WebKit to 622.1
JDK-8360270	Websocket communication issues with Vaadin applications through 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
HarfBuzz	HarfBuzz	10.4.0	java.desktop	8348597

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](#).



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