

Liberica JDK 8u482+10

Release Notes



Liberica JDK
8u482
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1. Version information

This document provides information about Liberica JDK 8u482 release. The full version string for this update release is 8u482+10. The version number is 8.

Liberica JDK 8 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-8182577	<p>Summary: Exception when Tab key moves focus to a JCheckbox with a custom ButtonModel</p> <p>Description: As stated in JDK-8182577, when a custom ButtonModel is used and keyboard focus is moved by pressing TAB key, then in <code>LayoutFocusTraversalPolicy.accept()</code> method it typecasts <code>buttonmodel</code> object to <code>JToggleButton.ToggleButtonModel</code> which results in <code>ClassCastException</code>. Added <code>getModel()</code> method to <code>ButtonModel</code> interface, which results in custom <code>ButtonModel</code> to implement this method. Also, <code>LayoutFocusTraversalPolicy.accept()</code> has been modified to store the model object as <code>ButtonModel</code> object instead of wrongly assuming as <code>JToggleButton.ToggleButtonModel</code>.</p>

IANA TZ Data version

This release of Liberica JDK 8u482 comes with the 2025b version of the in-tree copy of the [IANA timezone database](#). The following are the key features of this version.

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-2025-43368	7.5	javafx	web	network	high	none	required	unchanged	high	high	high
CVE-2025-47219	3.1	javafx	media	network	high	none	required	unchanged	low	none	none
CVE-2025-6021	5.9	javafx	web	network	high	none	none	unchanged	none	none	high
CVE-2025-6052	3.7	javafx	media	network	high	none	none	unchanged	none	none	low
CVE-2025-7424	5.5	javafx	web	local	low	none	required	unchanged	none	none	high
CVE-2025-7425	7.5	javafx	web	network	high	none	required	unchanged	high	high	high
CVE-2026-21925	4.8	core-libs	java.rmi	network	high	none	none	unchanged	low	low	none
CVE-2026-21932	7.4	client-libs	java.awt	network	low	none	required	changed	none	high	none
CVE-2026-21933	6.1	core-libs	java.net	network	low	none	required	changed	low	low	none
CVE-2026-21945	7.5	security-libs	java.security	network	low	none	none	unchanged	none	none	high
CVE-2026-21947	3.1	javafx	web	network	high	none	required	unchanged	none	low	none

5. Resolved Issues

JDK issues

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

Issue ID	Summary
JDK-8154043	Fields not reachable anymore by tab-key, because of new tabbing behaviour of radio button groups.
JDK-8182577	Exception when Tab key moves focus to a JCheckbox with a custom ButtonModel
JDK-8193017	Import freetype sources into OpenJDK source tree
JDK-8211804	Constant AO_UNUSED_MBZ uses left shift of negative value
JDK-8212155	Race condition when posting dynamic_code_generated event leads to JVM crash
JDK-8212678	Windows IME related patch
JDK-8219006	AArch64: Register corruption in slow subtype check
JDK-8222362	Upgrade to Freetype 2.10.0
JDK-8227324	Upgrade to freetype 2.10.1

Issue ID	Summary
JDK-8247867	Upgrade to freetype 2.10.2
JDK-8258805	Japanese characters not entered by mouse click on Windows 10
JDK-8261170	Upgrade to FreeType 2.10.4
JDK-8265429	Improve GCM encryption
JDK-8269668	[aarch64] java.library.path not including /usr/lib64
JDK-8285686	Update FreeType to 2.12.0
JDK-8290334	Update FreeType to 2.12.1
JDK-8293672	Update freetype md file
JDK-8297088	Update LCMS to 2.14
JDK-8298974	Add ftcolor.c to imported freetype sources
JDK-8305072	Win32ShellFolder2.compareTo is inconsistent
JDK-8306881	Update FreeType to 2.13.0
JDK-8316028	Update FreeType to 2.13.2
JDK-8316030	Update Libpng to 1.6.40
JDK-8317970	Bump target macosx-x64 version to 11.00.00
JDK-8329004	Update Libpng to 1.6.43

Issue ID	Summary
JDK-8339280	jarsigner -verify performs cross-checking between CEN and LOC
JDK-8341496	Improve JMX connections
JDK-8345358	Some DLL Files are missing Windows Properties
JDK-8348596	Update FreeType to 2.13.3
JDK-8348598	Update Libpng to 1.6.47
JDK-8353299	VerifyJarEntryName.java test fails
JDK-8354941	Build failure with glibc 2.42 due to uabs() name collision
JDK-8359501	Enhance Handling of URIs
JDK-8362208	[8u] Buffer overflow in g1GCPhaseTimes.cpp::LineBuffer::_buffer
JDK-8362308	Enhance Bitmap operations
JDK-8362632	Improve HttpServer Request handling
JDK-8364214	Enhance polygon data support
JDK-8364597	Replace THL A29 Limited with Tencent
JDK-8364660	ClassVerifier::ends_in_athrow() should be removed
JDK-8365058	Enhance CopyOnWriteArraySet

Issue ID	Summary
JDK-8365271	Improve Swing supports
JDK-8366574	Bump update version of OpenJDK: 8u482
JDK-8367115	[8u] Problem list CAInterop.java#actalisauthenticationrootca test
JDK-8367257	[8u] Problem list CAInterop.java#entrustrootcag4 test
JDK-8367782	VerifyJarEntryName.java: Fix modifyJarEntryName to operate on bytes and re-introduce verifySignatureEntryName
JDK-8368032	Enhance Certificate Checking
JDK-8371334	[8u] GHA: installation of VS2010 hangs
JDK-8371352	[8u] Fix VS2010 build issue in check_code.c
JDK-8371387	[8u] hotspot needs to recognise latest VS2022
JDK-8372534	Update Libpng to 1.6.51

JFX issues

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

Issue ID	Summary
JDK-8339335	set number of parallel jobs when building webkit
JDK-8339505	Enable parallel compilation of native code on macOS
JDK-8361648	Update Glib to 2.84.3
JDK-8361719	Enhance Handling of URI
JDK-8362535	Update libxslt support
JDK-8366217	Update GStreamer to 1.26.5
JDK-8367578	Additional WebKit 622.1 fixes from WebKitGTK 2.48.7
JDK-8368600	Missing "/DELAYLOAD:shlwapi.dll" in win.gradle
JDK-8368704	Better glyph handling
JDK-8370235	WebKit build fails on Windows 32-bit and Linux 32-bit after JDK-8367578

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
Glib	GNU Glib	2.84.3	javafx.media	JDK-8361648
GStreamer	GStreamer	1.26.5	javafx.media	JDK-8366217
Libpng	Libpng	1.6.51	java.awt	JDK-8372534

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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