

Liberica JDK 8u492+9

Release Notes



Liberica JDK
8u492
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1. Version information

This document provides information about Liberica JDK 8u492 release. The full version string for this update release is 8u492+9. 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-8369282	<p>Summary: Distrust TLS server certificates anchored by Chunghwa ePKI Root CA</p> <p>Description: TLS server certificates anchored by the Chunghwa root CAs are distrusted or distrusted after a specific date by Google and Mozilla. The restrictions will be enforced in the SunJSSE Provider of the Java Secure Socket Extension (JSSE) API. A TLS session will not be negotiated if the server's certificate chain is anchored by any of the mentioned Certificate Authorities and the certificate's notBefore date is after March 17, 2026. An application will receive an Exception with a message indicating the trust anchor (root) is not trusted.</p>
JDK-8373476	<p>Summary: Update Timezone Data to 2025c</p> <p>Description: The 2025c release of the tz code and data is available. This release mostly changes code and commentary. The only changed data are leap second table expiration and pre-1976 time in Baja California. This release contains several code changes for compatibility with FreeBSD.</p>

IANA TZ Data version

This release of Liberica JDK 8u492 comes with the 2025c version of the in-tree copy of the [IANA](#)

[timezone database](#). The following are the key features of this version.

This release mostly changes code and commentary. The only changed data are leap second table expiration and pre-1976 time in Baja California.

Briefly

Several code changes for compatibility with FreeBSD.

Changes to past timestamps

Baja California agreed with California's DST rules in 1953 and in 1961 through 1975, instead of observing standard time all year.

Changes to build procedure

Files in distributed tarballs now have correct commit times. Formerly, the committer's time zone was incorrectly ignored.

Changes to code

An unset TZ is no longer invalid when `/etc/localtime` is missing, and is abbreviated "UTC" not "-00". This reverts to 2024b behavior.

New function `offtime_r`, short for `fixed-offset localtime_rz`. It is defined if `STD_INSPIRED` is defined.

Changes to commentary

The `leapseconds` file contains commentary about the IERS and NIST last-modified and expiration timestamps for leap second data.

For more information, see [JDK-8373476](#).

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-2026-20652	7.5	javafx	web	network	low	none	none	unchanged	none	none	high
CVE-2026-22007	2.9	security-libs	java.security	local	high	none	none	unchanged	low	none	none
CVE-2026-22013	5.3	security-libs	org.ietf.jgss	network	high	none	required	unchanged	high	none	none
CVE-2026-22016	7.5	xml	jaxp	network	low	none	none	unchanged	high	none	none
CVE-2026-22018	3.7	core-libs	java.util	network	high	none	none	unchanged	none	none	low
CVE-2026-22021	5.3	security-libs	java.security	network	low	none	none	unchanged	none	none	low
CVE-2026-23865	5.3	client-libs	2d	local	low	none	required	unchanged	low	low	low
CVE-2026-34268	2.9	security-libs	java.security	local	high	none	none	unchanged	low	none	none

5. Resolved Issues

JDK issues

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

Issue ID	Summary
JDK-8056039	Hotspot does not compile with clang 3.4 on Linux
JDK-8074840	Resolve disabled warnings for libjli and libjli_static
JDK-8132786	java/security/cert/CertPathValidator/OCSP/AIA Check.java fails intermittently
JDK-8153147	Mark java/net/BindException/Test.java as intermittently failing
JDK-8157758	JDK9 does not compile on Linux with GCC 6.1 because left-shifting a negative number has undefined behavior
JDK-8170464	Remove shell script from compiler/c2/cr7005594/Test7005594.java
JDK-8174734	Safepoint sync time did not increase
JDK-8186149	quarantine gc/survivorAlignment/TestPromotionFromSurvivorToTenuredAfterMinorGC.java

Issue ID	Summary
JDK-8220658	Improve the readability of container information in the error log
JDK-8223145	Replace wildcard address with loopback or local host in tests - part 1
JDK-8225487	giflib legal file is missing attribution for openbsd-reallocarray.c.
JDK-8237834	com/sun/jndi/ldap/LdapDnsProviderTest.java failing with LDAP response read timeout
JDK-8251189	com/sun/jndi/ldap/LdapDnsProviderTest.java failed due to timeout
JDK-8264524	jdk/internal/platform/docker/TestDockerMemoryMetrics.java fails due to swapping not working
JDK-8274893	Update java.desktop classes to use try-with-resources
JDK-8277159	Fix java/nio/file/FileStore/Basic.java test by ignoring /run/user/* mount points
JDK-8284758	[linux] improve print_container_info
JDK-8285836	sun/net/www/http/KeepAliveCache/KeepAliveProperty.java failed with "RuntimeException: Failed in server"
JDK-8287011	Improve container information
JDK-8303482	Update LCMS to 2.15

Issue ID	Summary
JDK-8312518	[macos13] setFullScreenWindow() shows black screen on macOS 13 & above
JDK-8313770	jdk/internal/platform/docker/TestSystemMetrics.java fails on Ubuntu
JDK-8328999	Update GIFlib to 5.2.2
JDK-8343622	AesDkCrypto.stringToKey should not return null
JDK-8345578	New test in JDK-8343622 fails with a promoted build
JDK-8347911	Limit the length of inflated text chunks
JDK-8348014	Enhance certificate processing
JDK-8350813	Rendering of bulky sound bank from MIDI sequence can cause OutOfMemoryError
JDK-8353657	[8u] Test tools/launcher/VersionCheck.java fails with debug build
JDK-8360869	jcstress is able to crash jdk8 on aarch64 with jfr on
JDK-8361748	Enforce limits on the size of an XBM image
JDK-8364373	Transform Affine transformations
JDK-8364465	Enhance behavior of some intrinsics

Issue ID	Summary
JDK-8364660	ClassVerifier::ends_in_athrow() should be removed
JDK-8369226	GHA: Switch to MacOS 15
JDK-8369282	Distrust TLS server certificates anchored by Chunghwa ePKI Root CA
JDK-8369575	Enhance crypto algorithm support
JDK-8370529	Enhance Path Factories Redux
JDK-8370615	Improve Kerberos credentialing
JDK-8370986	Enhance Zip file reading
JDK-8370995	Enhance ZipFile usage
JDK-8371830	Enhance certificate chain validation
JDK-8371935	Enhance key generation
JDK-8372660	[8u] ProblemList TestCPUAwareness until 8370492 is addressed
JDK-8373250	Bump update version of OpenJDK: 8u492
JDK-8373290	Update FreeType to 2.14.1
JDK-8373476	(tz) Update Timezone Data to 2025c
JDK-8373727	New XBM images parser regression: only the first line of the bitmap array is parsed

Issue ID	Summary
JDK-8374899	[8u] Fully handle clang as the toolchain in flags.m4
JDK-8374917	[8u] C++ flags get passed to C compiles in the HotSpot build
JDK-8374948	[8u] saproc & jsig builds add duplicate linker flags on Darwin/MacOS
JDK-8375063	Update Libpng to 1.6.54
JDK-8375189	[8u] Problem list CAInterop.java#microsoftrsa2017
JDK-8376225	[8u] GHA: Apply work-around for missing JNF for MacOSX builds
JDK-8376272	[8u] Windows x86-32 fails to build after JDK-8359501
JDK-8376338	Test7005594.sh fails when given a memory value with decimals
JDK-8376352	[8u] Build failure on Windows 32-bit after JDK-8362308
JDK-8377344	[8u] Compilation failure on Windows for Linux-specific platform metric tests
JDK-8377526	Update Libpng to 1.6.55
JDK-8379035	(tz) Update Timezone Data to 2026a
JDK-8379158	Update FreeType to 2.14.2

Issue ID	Summary
JDK-8379256	Update GIFlib to 6.1.1
JDK-8380078	Update GIFlib to 6.1.2
JDK-8380959	Update Libpng to 1.6.56
JDK-8382047	Update Libpng to 1.6.57

JFX issues

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

Issue ID	Summary
JDK-8278021	Fix warnings in macOS glass native code and treat warnings as errors
JDK-8336938	Update libFFI to 3.4.6
JDK-8347937	Canvas pattern test fails and crashes on WebKit 620.1
JDK-8368572	Update WebKit to 623.1
JDK-8371052	Update libFFI to 3.5.2
JDK-8374153	Add a MAX_COMPILE_THREADS gradle property to limit number of threads
JDK-8375225	WebIObserverTest fails with WebKit 623.1

Issue ID	Summary
JDK-8376282	[linux, macos] JavaFX fails to build WebKit in DebugNative
JDK-8377099	Additional WebKit 623.1 fixes from WebKitGTK 2.50.4
JDK-8377930	Additional WebKit 623.1 fixes from WebKitGTK 2.50.5
JDK-8380557	Additional WebKit 623.1 fixes from WebKitGTK 2.50.6

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	2.14.2	java.desktop	JDK-8379158
GIFlib	GIFlib	6.1.2	java.desktop	JDK-8380078
Libpng	Libpng	1.6.57	java.awt	JDK-8382047

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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