

# Liberica JDK 11.0.26+9

## Release Notes



Liberica JDK  
11.0.26  
January 21, 2025

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# 1. Version information

This document provides information about Liberica JDK 11.0.26 release.

The full version string for this update release is 11.0.26+9. The version number is 11.

Liberica JDK 11 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-8335912/JDK-8337499	<p><b>Summary:</b> Add an operation mode to the jar command when extracting to not overwrite existing files</p> <p><b>Description:</b> In previous OpenJDK releases, when the jar tool extracted files from an archive, it would overwrite any existing files with the same name in the target directory. With this release, a new option ('-k' or '--keep-old-files') may be specified so that existing files are not overwritten. The option may be specified in short or long option form, as in the following examples: '* jar xkf foo.jar', '* jar --extract --keep-old-files --file foo.jar'. By default, the old behaviour remains in place and files are overwritten.</p>
JDK-8339914	<p><b>Summary:</b> {ClassLoader,Memory}MXBean::isVerbose methods are inconsistent with their setVerbose methods</p> <p><b>Description:</b> The ClassLoadingMXBean and MemoryMXBean APIs have setVerbose methods to control verbose mode and isVerbose methods to query it. Some JCK tests expect setVerbose(false) to disable verbose mode and, subsequently, isVerbose() to return false. However, if logging to a file is enabled by using '-Xlog' on the java launcher command line, isVerbose() returned true even after calling setVerbose(false).</p>

## Issue ID

JDK-8339915      Summary: Distrust TLS server certificates issued after Oct 2024 and anchored by Entrust Root CAs

Description: Google and Mozilla have announced plans to distrust TLS Server certificates issued by Entrust. This enhancement implements similar restrictions in the JDK. The restrictions is 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 Certificate Authorities specified in this issue and the certificate's notBefore date is after October 31, 2024. If necessary, you can work around the restrictions by removing 'ENTRUST\_TLS' from the 'jdk.security.caDistrustPolicies' security property.

JDK-8341396      Summary: Add 2 SSL.com TLS roots

Description: New SSL.com TLS roots are added as they are the issuing CA used by Entrust going forward.

JDK-8341397      Summary: Change Entrust TLS distrust date to November 12, 2024

Description: Google has changed their distrust date for Entrust from November 1 to November 12, 2024. Entrust has also changed the date they plan to use SSL.com as the issuing CA for public TLS server certificates to November 12. To align with those updated dates, the distrust date was changed to November 12, 2024.

JDK-8342374      Summary: Update default value and extend the scope of com.sun.jndi.ldap.object.trustSerialData system property

Description: The LDAP Naming Service Provider implementation's default settings can be improved by disallowing the reconstruction of Java objects from different LDAP attributes (RFC 2713). Changes include the following modifications: Extended the scope of the system property to cover the creation of RMI remote objects from the 'javaRemoteLocation' LDAP attribute; Updated the default value of 'com.sun.jndi.ldap.object.trustSerialData' system property to "false". That prevents the deserialization of java objects from the 'javaSerializedData' and the 'javaRemoteLocation' LDAP attributes.

### Issue ID

JDK-8345140

Summary: Update Timezone Data to 2024b

Description: This OpenJDK release upgrades the in-tree copy of the IANA timezone database to 2024b. This timezone update is primarily concerned with improving historical data for Mexico, Mongolia and Portugal. It also makes Asia/Choibalsan an alias for Asia/Ulaanbaatar and makes the MET timezone the same as CET.

## 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 11.0.26 upgrades the in-tree copy of the IANA timezone database to [2024b](#). This timezone update is primarily concerned with improving historical data for Mexico, Mongolia and Portugal. It also makes Asia/Choibalsan an alias for Asia/Ulaanbaatar and makes the MET timezone the same as CET.

The 2024b update also makes a number of legacy timezone IDs equal to geographical names rather than fixed offsets, as follows:

- EST → America/Panama instead of -5:00
- MST → America/Phoenix instead of -7:00
- HST → Pacific/Honolulu instead of -10:00

For long-term support releases of Liberica JDK, this change is overridden locally to retain the existing fixed offset mapping.



# 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-2025-21502	4.8	hotspot	compiler	network	high	none	none	unchanged	low	low	none

# 5. Resolved Issues

## JDK issues

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

Issue ID	Summary
JDK-8211920	Close server socket and cleanups in <code>test/jdk/javax/naming/module/RunBasic.java</code>
JDK-8224624	Inefficiencies in <code>CodeStrings::add_comment</code> cause timeouts
JDK-8225045	<code>javax/swing/JInternalFrame/8146321/JInternalFramelconTest.java</code> fails on linux-x64
JDK-8232367	Update Reactive Streams to 1.0.3 — tests only
JDK-8247706	Unintentional use of new <code>Date(year...)</code> with absolute year
JDK-8251188	Update LDAP tests not to use wildcard addresses
JDK-8299254	Support dealing with standard assert macro
JDK-8303920	Avoid calling out to python in <code>DataDescriptorSignatureMissing</code> test
JDK-8315936	Parallelize <code>gc/stress/TestStressG1Humongous.java</code> test
JDK-8316193	<code>jdk/jfr/event/oldobject/TestListenerLeak.java</code> <code>java.lang.Exception: Could not find leak</code>
JDK-8328300	Convert <code>PrintDialogsTest.java</code> from Applet to main program

Issue ID	Summary
JDK-8328642	Convert applet test MouseDraggedOutCauseScrollingTest.html to main
JDK-8330045	Enhance array handling
JDK-8334332	TestIOException.java fails if run by root
JDK-8335428	Enhanced Building of Processes
JDK-8335801	[11u] Backport of 8210988 to 11u removes gcc warnings
JDK-8336564	Enhance mask blit functionality redux
JDK-8338402	GHA: some of bundles may not get removed
JDK-8339082	Bump update version for OpenJDK: jdk-11.0.26
JDK-8339470	[17u] More defensive fix for 8163921
JDK-8339637	(tz) Update Timezone Data to 2024b
JDK-8339644	Improve parsing of Day/Month in tzdata rules
JDK-8339803	Acknowledge case insensitive unambiguous keywords in tzdata files
JDK-8340552	Harden TzdbZoneRulesCompiler against missing zone names
JDK-8340671	GHA: Bump macOS and Xcode versions to macos-12 and XCode 13.4.1
JDK-8340815	Add SECURITY.md file
JDK-8342426	[11u] javax/naming/module/RunBasic.java javac compile fails
JDK-8342629	[11u] Properly message out that shenandoah is disabled

## JFX issues

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

Issue ID	Summary
JDK-8301312	Create implementation of NSAccessibilityButton protocol
JDK-8311806	Class ButtonAccessibility is implemented twice
JDK-8333374	Cannot invoke "com.sun.prism.RTTexture.contentsUseful()" because "this.txt" is null
JDK-8334656	Enable issuestitle check
JDK-8334657	Enable binary check
JDK-8334713	WebKit build failed on LoongArch64 because currentStackPointer is undefined
JDK-8335714	Enhance playing MP3s
JDK-8335715	Improve Direct Show support
JDK-8340208	Additional WebKit 619.1 fixes from WebKitGTK 2.44.4
JDK-8341920	Intermittent WebKit build failure on Windows generating PDB files in 619.1
JDK-8343630	Pass AccessControlContext to/from WebKit as opaque object

# 6. Updates to Third Party Libraries

This release does not contain any changes in the third party libraries.

# 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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