

Liberica JDK 27.0.1+11

Release Notes



Liberica JDK
27.0.1
October 20, 2026

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1. Version information

This document provides information about Liberica JDK 27.0.1 release. The full version string for this update release is 27.0.1+11. The version number is 27.

Liberica JDK 27 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-8387123	Summary: Remove LuxTrust Global Root CA Description: The following root certificate has been removed from the cacerts keystore: alias name "luxtrustglobalrootca [jdk]" Distinguished Name: CN=LuxTrust Global Root, O=LuxTrust s.a., C=LU
JDK-8388214	Summary: Update Timezone Data to 2026c Description: Briefly: Alberta moved to permanent -06 on 2026-06-18; Morocco moves to permanent +00 on 2026-09-20; More integer overflow bugs have been fixed in zic.
JDK-8392377	Summary: Update Timezone Data to 2026d Description: Briefly: Canada's Northwest Territories moved to permanent -06 on 2026-08-21; Obsolescent settings like TZ='EST5EDT' now conform better to POSIX; Fix security, performance and porting bugs in zic and localtime.

Issue ID	
JDK-8392538	Summary: Align the JDK with Microsoft's new timezone names for British Columbia/Alberta Description: Microsoft announced a new timezone name for British Columbia, per https://techcommunity.microsoft.com/blog/dstblog/interim-guidance-for-british-columbia-time-zone-changes-2026/4544988 JDK timezone data needs to be aligned with the registry key updates to allow a Windows user to select a local timezone.
JDK-8393337	Summary: Update Timezone Data to 2026e Description: Briefly: Manitoba moves to permanent -05 on 2026-10-31.
JDK-8393848	Summary: Align the JDK with Microsoft's new timezone name for Manitoba Description: Microsoft announced a new timezone name for Manitoba, per https://techcommunity.microsoft.com/blog/dstblog/interim-guidance-for-manitoba-permanent-dst-2026/4562488 JDK timezone data needs to be aligned with the registry key updates to allow a Windows user to select a local timezone.

Discontinued OS support

Note that Liberica JDK 27.0.1 is not available for and cannot be run on the following operating systems:

- Windows x86 (32-bit)
- macOS 10.x

IANA TZ Data version

This release of Liberica JDK 27.0.1 comes with the 2026e version of the in-tree copy of the [Time Zone Database](#). The following are the key features of this version.

Briefly

Manitoba moves to permanent -05 on 2026-10-31.

Changes to future timestamps

Manitoba's 2026-03-08 spring forward was its last foreseeable clock change, as it moved to permanent -05 thereafter. Model this with its traditional abbreviation EST. Although the change to permanent -05 legally takes place on 2026-10-31, temporarily model the change to occur on 2026-11-01 at 02:00 for the same reason as other recent temporary hacks. (Caution: see [NOTE FOR 2026b TEMPORARY HACK FOR CLDR AND CANADA](#) below.)

As the change affects both America/Winnipeg and its backward compatibility link, the obsolescent setting TZ="Canada/Central" will now use the abbreviation EST for affected timestamps, akin to TZ="Canada/Pacific" behavior introduced in 2026b.

Another TZDB release may be needed soon if any of the portions of northwestern Ontario historically aligned with America/Winnipeg do not follow. For now, given the short lead time with Manitoba's announcement, assume that they will, to avoid creating new zones that may not be needed if no divergence occurs.

NOTE FOR 2026b TEMPORARY HACK FOR CLDR AND CANADA

This temporary hack works around a Canadian timekeeping bug in Unicode CLDR 48 and earlier. Unfortunately it also causes zic 2023d through 2026a, in the default slim mode, to generate a TZif file that does not conform to Internet RFC 9636 §3.3. The buggy file in turn causes some TZif readers, including tzcode itself, to ignore America/Vancouver's 2026-11-01 02:00 transition from PDT (tm_isdst=1) to MST (tm_isdst=0). Although the buggy file does not cause any known TZif reader to mishandle UT offsets, caution is advised when using zic 2023d through 2026a to compile data from more-recent tz releases. To work around this problem when using these older zic versions, use 'zic -b fat'.

Changes to past timestamps

In 1925 Ireland fell back on 09-20 not 10-04.

Changes to commentary

Discussion on timekeeping practices in northwestern Ontario has been expanded in light of Manitoba's recent announcement. It is not yet known whether or to what extent these areas may adapt their own timekeeping practices in response.

For more information, see [JDK-8393337](#).

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-2026-101516	6.5	security-libs	java.security	network	low	none	none	unchanged	low	low	none
CVE-2026-43660	7.5	javafx	web	network	high	none	required	unchanged	high	high	high
CVE-2026-83374	5.9	security-libs	javax.crypto	network	high	none	none	unchanged	none	high	none
CVE-2026-83376	3.7	security-libs	java.security	network	high	none	none	unchanged	none	low	none
CVE-2026-83378	3.7	hotspot	compiler	network	high	none	none	unchanged	none	low	none
CVE-2026-83380	5.3	security-libs	javax.security	network	low	none	none	unchanged	low	none	none
CVE-2026-83381	4.8	security-libs	javax.security	network	high	none	none	unchanged	low	low	none
CVE-2026-83387	5.9	core-libs	java.sql	network	high	none	none	unchanged	high	none	none
CVE-2026-83395	3.7	core-libs	java.net	network	high	none	none	unchanged	none	low	none
CVE-2026-83400	5.3	xml	jaxp	network	low	none	none	unchanged	none	none	low
CVE-2026-87255	3.7	hotspot	compiler	network	high	none	none	unchanged	low	none	none
CVE-2026-87290	3.7	xml	jaxp	network	high	none	none	unchanged	low	none	none
CVE-2026-87291	5.3	core-libs	java.net	network	low	none	none	unchanged	low	none	none
CVE-2026-87292	3.7	core-libs	java.net	network	high	none	none	unchanged	none	low	none
CVE-2026-87294	6.5	security-libs	java.security	network	low	none	none	unchanged	low	low	none
CVE-2026-87367	3.7	xml	jaxp	network	high	none	none	unchanged	none	low	none
CVE-2026-91332	5.3	core-libs	java.net	network	low	none	none	unchanged	none	low	none
CVE-2026-91333	3.7	security-libs	javax.crypto	network	high	none	none	unchanged	none	low	none
CVE-2026-91334	3.7	client-libs	javax.imageio	network	high	none	none	unchanged	low	none	none
CVE-2026-91335	2.6	client-libs	java.awt	network	high	low	required	unchanged	low	none	none
CVE-2026-91373	5.3	security-libs	java.security	network	low	none	none	unchanged	none	none	low
CVE-2026-91374	4.8	core-svc	tools	network	high	none	none	unchanged	low	low	none
CVE-2026-91375	4.7	tools	jlink	local	high	none	required	unchanged	none	high	none
CVE-2026-91379	4.7	tools	jshell	local	high	none	required	unchanged	none	high	none
CVE-2026-91380	4.0	core-libs	java.util	local	high	none	none	unchanged	low	low	none
CVE-2026-91385	5.4	javafx	web	network	low	none	required	unchanged	low	low	none

CVE ID	CVSS score	Component	Module	Attack Vector	Complexity	Privileges	User Interaction	Scope	Confidentiality	Integrity	Availability
CVE-2026-91394	5.9	core-libs	java.net	network	high	none	none	unchanged	high	none	none
CVE-2026-91397	3.6	core-svc	tools	local	high	none	required	unchanged	none	low	low
CVE-2026-91398	6.8	core-libs	java.net	network	high	none	none	changed	none	high	none
CVE-2026-91400	3.1	client-libs	javax.sound	network	high	none	required	unchanged	none	none	low
CVE-2026-91402	3.1	javafx	graphics	network	high	none	required	unchanged	low	none	none
CVE-2026-91409	3.7	core-libs	java.net	network	high	none	none	unchanged	none	none	low
CVE-2026-91415	4.8	client-libs	2d	network	high	none	none	unchanged	low	low	none
CVE-2026-91418	5.3	client-libs	javax.imageio	network	low	none	none	unchanged	none	none	low
CVE-2026-91451	5.3	core-libs	java.net	network	low	none	none	unchanged	none	low	none
CVE-2026-91452	5.3	core-libs	java.net	network	low	none	none	unchanged	none	low	none
CVE-2026-91453	5.3	core-libs	java.net	network	low	none	none	unchanged	none	low	none
CVE-2026-91461	3.7	security-libs	javax.net.ssl	network	high	none	none	unchanged	none	low	none
CVE-2026-91462	5.9	security-libs	org.ietf.jgss	network	high	none	none	unchanged	none	high	none
CVE-2026-91463	5.3	security-libs	org.ietf.jgss	network	high	none	required	unchanged	high	none	none
CVE-2026-91464	5.3	security-libs	org.ietf.jgss	network	high	none	required	unchanged	high	none	none
CVE-2026-91477	3.1	javafx	graphics	network	high	none	required	unchanged	low	none	none
CVE-2026-91487	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-8286300	Port JEP 425 to S390X
JDK-8335163	[s390x] test failure - PrintClasses.java
JDK-8377034	Enable full JSR166TestCase.java test for s390x
JDK-8380035	compiler/intrinsics/TestReturnOopSetForJFRWriteCheckpoint.java crashes on s390x
JDK-8380672	Improve certification checking
JDK-8380715	Enhance PKCS5 padding
JDK-8380993	[REDO] Incorrect Interpretation of POSIX TZ Environment Variable on AIX
JDK-8382178	Enhance TLS certificate handling
JDK-8382378	Improve C2 loop transformations
JDK-8382407	Enhance LDAP Lookups
JDK-8383047	Enhance LDAP logins

Issue ID	Summary
JDK-8383076	Enhance SASL Authentication
JDK-8383281	Enhance MD5 Digesting
JDK-8383301	Enhance WebRowSets
JDK-8383439	Enhance HTTP Client Response Handling
JDK-8383530	Enhance Javadoc Searching
JDK-8383679	Enhance Certificate Name Checks
JDK-8383689	Enhance Vector Processing
JDK-8383699	Enhance XPath Expressions
JDK-8383745	Enhance HTTP Server
JDK-8383756	Enhance Network Clients
JDK-8384021	Enhance Certificate Constraint Checking
JDK-8384031	Enhance XML Processing
JDK-8384165	Improve ciphertext handling
JDK-8384445	Enhance JPEG loading
JDK-8384455	Enhance DataFlavor
JDK-8384468	Enhance jpackage Packaging
JDK-8384654	Enhance Template Handling

Issue ID	Summary
JDK-8384664	Enhance Image Handling
JDK-8384688	Enhance jmod handling
JDK-8384708	Enhance HTTP Connections
JDK-8384736	Enhance JShell
JDK-8384746	Enhance Preferences
JDK-8384771	Enhance TLS handshakes
JDK-8384872	Enhance HTTP Client
JDK-8384930	Enhance jstatd
JDK-8385076	Follow-on fix for Improve certification checking
JDK-8385209	Enhance HTTP client caching
JDK-8385249	Enhance diagnostic sessions
JDK-8385260	Enhance SOCKS5 support
JDK-8385454	Provide more NUMA related information in hsinfo/hserr files
JDK-8385476	Enhance MIDI file handling
JDK-8385817	Headless jdk still contains bin/jconsole
JDK-8386013	Enhance EventListenerList
JDK-8386033	Enhance QUIC connections

Issue ID	Summary
JDK-8386089	Bump update version for OpenJDK: jdk27u to 27.0.1
JDK-8386187	Enhance font rendering
JDK-8386298	Improve font loading
JDK-8386515	Enhance HTTP server parsing
JDK-8386525	Enhance HTTP Server Handler
JDK-8386535	Improve HTTP headers
JDK-8386552	Enhance GIF loading
JDK-8386783	WebRowSet empty elements read value of previous element
JDK-8386852	Lower peak throughput with AOTCache
JDK-8386923	Enhance TLS Extensions
JDK-8387075	RemoteHostImpl constructor correction (jstatd)
JDK-8387123	Remove LuxTrust Global Root CA
JDK-8387152	Enhance krb5 tokens
JDK-8387217	Enhance krb5 client
JDK-8387235	JShell tests failing
JDK-8387238	Enhance Kerberos validation

Issue ID	Summary
JDK-8387985	sun/tools/jstat shell tests fail on platforms that do not support ParallelGC
JDK-8388080	Increase static size of some stubs for APX code
JDK-8388117	[s390x] is_z_illtrap should recognise all forms
JDK-8388214	(tz) Update Timezone Data to 2026c
JDK-8388284	[s390] resolve_jobject uses wrong branch condition after tmll
JDK-8388866	Change milestone to fcs for all releases
JDK-8390380	Cherry-pick metazone changes from CLDR to support tzdata2026c for JDK update releases
JDK-8390400	Enhance C2 comparisons
JDK-8391256	TestZoneTextPrinterParser.java assertion fails with expected: <Mountain Standard Time> but was: <Mountain Daylight Time>
JDK-8392377	(tz) Update Timezone Data to 2026d
JDK-8392519	Cherry-pick metazone changes from CLDR for tzdata2026d, for JDK update release
JDK-8392526	Cherry-pick BCP 47 time zone changes from CLDR for tzdata2026d, for JDK update releases
JDK-8392538	Align the JDK with Microsoft's new timezone names for British Columbia/Alberta
JDK-8393337	(tz) Update Timezone Data to 2026e

Issue ID	Summary
JDK-8393344	Cherry-pick metazone changes from CLDR to support tzdata2026e for JDK update releases
JDK-8393848	Align the JDK with Microsoft's new timezone name for Manitoba

JFX issues

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

Issue ID	Summary
JDK-8304008	Update README.md and CONTRIBUTING.md for jfx update repos
JDK-8364680	HelloWebView demo crashes when msn webpage is scrolled
JDK-8373527	Improve Graphics playback
JDK-8376836	Fix mistakes in FX API docs
JDK-8378277	Improve Editor selection
JDK-8379207	Improve audio conversion
JDK-8380556	Update WebKit to 625.1
JDK-8383092	Enhance WebView Resource Loading
JDK-8383129	Better Handling of MP4 Files
JDK-8383143	Enhance Playlist Loading

Issue ID	Summary
JDK-8383209	Improve JavaFX Scripting Support
JDK-8383219	Enhance JavaFX Document Loading
JDK-8383229	Enhance JavaFX Image Loading
JDK-8383252	Enhance JavaFX DnD
JDK-8383312	Enhance JavaFX CSS Handling
JDK-8383322	Enhance JavaFX Clipboard
JDK-8383332	Improve JavaFX Input Methods
JDK-8383333	Improve JavaFX Drag and Drop
JDK-8383356	Improve JavaFX Rich Text Formatting
JDK-8385198	Enhance JavaFX Resource Loading
JDK-8386486	Improve graphics rendering
JDK-8386859	WebView crashes when calling document.startViewTransition()
JDK-8388409	Change JavaFX release version to 27.0.1 in jfx27u
JDK-8388451	Additional WebKit 625.1 fixes from WebKitGTK 2.52.5
JDK-8388508	[macOS] Menultem graphics in the system menu bar is corrupted or disappears, or JVM crashes in CoreGraphics, under memory pressure
JDK-8388526	[Windows] Crash in Platform.Preferences refresh on OS theme change when using FXCanvas

Issue ID	Summary
JDK-8388783	Custom String data cannot be read from the clipboard after JDK-8383252
JDK-8389093	Typos in the JavaFX CSS Reference Guide
JDK-8389176	Enhance JavaFX image handling
JDK-8389371	cssref: explain font properties
JDK-8389515	Memory leak in dshowwrapper - decoded buffers delivered by CSink are never unmapped
JDK-8389761	Update Unicode Data Files license file to 17.0.0
JDK-8390263	Create release notes for JavaFX 27
JDK-8390279	Update copyright header for files modified in 2026
JDK-8390652	Additional WebKit 625.1 fixes from WebKitGTK 2.52.6
JDK-8391652	Snapshot test failures after JDK-8389176
JDK-8391823	Intermittent WebView crash when running TextureMapperTest

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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