

# Liberica Native Image Kit 25.0.3-1 (25.0.3+12) Release Notes



Liberica NIK  
25.0.3  
April, 2026

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# 1. Introduction

This document provides information about Liberica NIK release.

This particular version of Liberica NIK 25.0.3-1 is based on Liberica JDK 25.0.3+12.

**Note:**

For more information about Liberica JDK release, see [Liberica JDK Release Notes](#).

[Liberica Native Image Kit](#) is a utility Based on [GraalVM Open Source](#) that is capable of converting your JVM-based application into a fully compiled native executable ahead-of-time under the closed-world assumption with an almost instant startup time.

Liberica NIK supports the following platforms:

- Linux x86\_64 (glibc)
- Linux Alpine x86\_64 (musl)
- Linux AArch64 (glibc)
- Linux Alpine AArch64 (musl)
- Mac OS x86\_64
- Mac OS AArch64
- Windows x86\_64

## Liberica NIK distribution

Liberica NIK is distributed as .apk, .deb, .dmg, .msi, .pkg, .rpm, .tar.gz, and .zip packages. Please [select the most appropriate](#) for your purposes.

## 2. What's New

This release contains the following updates and new features.

### Notable Issues

This release does not contain any notable issues. For the list of Liberica JDK notable issues, see [Liberica JDK Release Notes](#)

### Language and framework versions

Liberica NIK 25.0.3 supports the following languages and frameworks:

Component	Version
LLVM	20.1.4 (GraalVM CE Native 25.0.3)
Python	3.12.8 (GraalVM CE Native 25.0.3)
Node.js	22.22.0
Java	Liberica JDK 25.0.3+12
Java Script	GraalVM JavaScript (GraalVM CE Native 25.0.3)
TruffleRuby	25.0.3 (Ruby 3.3.7)
Native Image	GraalVM version 25.0.3 (Liberica JDK 25.0.3+12, LTS)

Component	Version
Wasm	WebAssembly (GraalVM CE Native 25.0.3)

## 3. Known Issues

This release does not contain any known issues. For the list of Liberica JDK known issues, see [Liberica JDK Release Notes](#).

## 4. 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-2026-22007	2.9	security-libs	java.security	local	high	none	none	unchanged	low	none	none
CVE-2026-22008	3.7	core-libs	java.lang	network	high	none	none	unchanged	none	low	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
CVE-2026-34282	7.5	core-libs	java.net	network	low	none	none	unchanged	none	none	high

# 5. Resolved Issues

## Liberica NIK issues

This is the list of Liberica NIK issues fixed in this release.

Issue ID	Summary
GR-70732	Backport to 25.0: Fix PyMapping_(Items Keys Values) with dict subclasses
GR-70900	Backport to 25.0.1: Ensurepip should not patch pip.
GR-71946	Add polyglot.with_gil_locked_during_interop context manager
GR-72123	[Native Image] fix update ASM to 9.8
GR-72133	Backport to 25.0: Add missing O_* posix constants
GR-72135	Backport to 25.0: Unify and fix codec error handlers
GR-72395	Release GraalVM 25.0.2 and new dev cycle GraalVM 25.0.3
GR-72395	Release GraalVM 25.0.2 and new dev cycle GraalVM 25.0.3

Issue ID	Summary
GR-72395	Release GraalVM 25.0.2 and new dev cycle GraalVM 25.0.3
GR-72571	Backport to 25.0: Transient aux-engine-cache test failure.
GR-72639	Backport to 25.0: Support fast copies from interop-backed TypedArrays.
GR-72939	Backport to 25.0.3: Upgrading Node.js version used by graal-nodejs to 22.22.0.
GR-73311	[GR-73316] Backport to 25.0: Interop improvements.
GR-73316	Flush fault handler traceback dumps all at once per thread so we do not interleave stackframes across threads
GR-73399	Backport to 25.0: Remove infrequent fast paths from list creation
GR-73523	Backport to 25.0: Fix PE bailout in eval().
GR-73891	Backport to 25.0: Fix complex add/sub handling of negative zero
GR-74224	Backport to 25.0: Restrict Chrome Inspector to localhost.

## 6. Upgrading to the New Version

To keep your Liberica NIK 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 NIK Installation Guide](#).



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