Azul Zulu builds of OpenJDK

August 2026 Monthly Update

Release Notes

Revision 1.0

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Revision History

Revision	Date	Description
0.1	August 18, 2026	Initial version of the document.
0.2	August 18, 2026	Extend versions table with "CSPU for CPU" and "CSPU for PSU"
1.0	August 18, 2026	Added CVE information.

Release Details

This release is the August 2026 update release for Azul Zulu Builds of OpenJDK version 26, 25, 21, 17, 11, 8, 7, and 6. This is the first monthly update release as announced in the blog post Azul Will Deliver Monthly Java Critical Security Patch Updates, Increasing Patch Velocity with Stability.

The following table describes which Azul Zulu versions are published with this release.

Azul Zulu Version (*)	Update Type (**)	JDK Version	Based on		JavaFX Version
			Azul Zulu Version	JDK Version	
26.32.203 (CA) 26.32.204 (SA)	CSPU for **PSU**	26.0.2.1+1	26.32.14	26.0.2+10	26.0.2+102
25.35.204 (SA)	CSPU for **CPU**	25.0.3.0.201+1	25.35	25.0.3.0.101+1	25.0.3.0.101+101
25.36.205 (CA) 25.36.206 (SA)	CSPU for **PSU**	25.0.4.1+1	25.36.16	25.0.4+7	25.0.4+100
21.51.204 (SA)	CSPU for **CPU**	21.0.11.0.201+1	21.51	21.0.11.0.101+1	23.0.7.0.101+101
21.52.203 (CA) 21.52.204 (SA)	CSPU for **PSU**	21.0.12.1+1	21.52.16	21.0.12+8	23.0.8+100
17.67.204 (SA)	CSPU for **CPU**	17.0.19.0.201+1	17.67	17.0.19.0.101+1	22.0.9.0.101+101

17.68.203 (CA) 17.68.204 (SA)	CSPU for **PSU**	17.0.20.1+1	17.68.18	17.0.20+8	22.0.10+100
11.89.204 (SA)	CSPU for **CPU**	11.0.31.0.201+1	11.89	11.0.31.0.101+1	19.0.15.0.101+101
11.90.205 (CA) 11.90.206 (SA)	CSPU for **PSU**	11.0.32.1+1	11.90.20	11.0.32+9	19.0.16+100
8.95.0.204 (SA)	CSPU for **CPU**	8u503-b01	8.95	8u501-b01	8u501-b02
8.96.0.205 (CA) 8.96.0.206 (SA)	CSPU for **PSU**	8u504-b01	8.96.0.20	8u502-b07	N/A
7.87.0.204 (SA)	CSPU for **CPU**	7u513-b01	7.87	7u511-b01	N/A
6.81.0.204 (SA)	CSPU for **CPU**	6b183	6.81	6b181	N/A

(*) Azul provides two types of distribution packages for each Java version:

- **Subscriber Availability (SA)** distributions are tested, certified, and commercially supported Azul Zulu Builds of OpenJDK. Azul ensures that the software that uses the Accessible APIs of the product doesn't have to include specific licenses and that such a use doesn't contaminate the code or intellectual property of such software with any license requirements. SA builds may support configurations and features that are unavailable to free users.
- **Community Availability (CA)** distributions are Azul Zulu Builds of OpenJDK that are free to download and use.

> **NOTE** Both SA and CA distributions may contain Early Access builds noted with `-ea-` in their filename. Early Access builds may not be TCK certified.

(**) Update type:

- **CSPU** (Critical Security Patch Update): Contains fixes to critical issues and security vulnerabilities, delivered on a monthly basis between regular quarterly update releases.
  - **CSPU for CPU**: Critical security patches applied to the latest quarterly CPU release.
  - **CSPU for PSU**: Critical security patches applied to the latest quarterly PSU release.
- **CPU** (Critical Patch Update): Contains fixes to security vulnerabilities and critical bug fixes. Azul Zulu CPU releases are generally based on prior-cycle PSU releases, with only security fixes applied. They provide a low-risk vehicle for the potentially urgent deployment of security fixes when issues of sufficient severity arise. CPU releases are available in SA distributions.
- **PSU** (Patch Set Update): Incorporates all fixes in the corresponding CPU, as well as additional non-security bug fixes. Azul Zulu PSU releases incorporate both security fixes and other changes that align the release contents with the associated OpenJDK project quarterly release. PSU releases are available in SA and CA distributions.

What's New

Monthly Critical Security Patch Updates

This is the first monthly Critical Security Patch Update (CSPU) for Azul Zulu Builds of OpenJDK. CSPUs close the gap between quarterly releases: as soon as a fix for a critical vulnerability becomes available for OpenJDK, it's delivered in the next monthly release window instead of waiting up to three months for the next quarterly release.

Like every quarterly update release, each CSPU comes with two sets of binaries: **CPU builds**, which contain only critical and security fixes, and **PSU builds**, which also accumulate non-security updates, aligned with OpenJDK from the previous release. If a CSPU carries security fixes that require an immediate reaction according to your company's security policy, you typically have less time to test before deploying. That's where the CPU binaries help: their minimal change set reduces the risk of regressions when validation time is short.

Each CSPU has its own release notes as it is not an addition to the release notes of the quarterly update release that precedes it.

How to Handle a CPSU in Your Patch Process

The following points summarize the changes:

- Quarterly update releases continue unchanged, in January, April, July, and October, on the third Tuesday of the month.
- A CSPU may be published in any month that has no quarterly update — that is, every month except January, April, July, and October. Like the quarterly releases, it lands on the third Tuesday of the month, following the OpenJDK release schedule.
- Quarterly update releases remain cumulative and include every fix delivered in the preceding CSPUs.
- A CSPU covers the same Azul Zulu versions, release configurations, package types, Linux package repositories, and container images as a quarterly update release, and is delivered under the same support SLA.

Treat a CSPU exactly as you treat a quarterly update release: pull it into dependency management, run your existing test suite, and promote it through your normal pipeline. The only change is how often you need to check.

Changes in Version Numbering

Because a CSPU belongs to the same quarter as the update release it follows, the version numbers work slightly differently from before:

- The minor version (`YY`) now advances only at a quarterly update release. A quarterly update release and the CSPUs that follow it in the same quarter therefore share the same major and minor version (`XX.YY`), and are told apart by the build number (`BB`).
- Build numbers are grouped in blocks of one hundred, identically on the CPU and the PSU line: `100`-`150` for the quarterly update release, `200`-`250` for the first CSPU of the quarter, and `300`-`350` for the second CSPU. The remainder of each block is reserved for Bundled Patch Release (BPR) bundles. Build numbers below `100` are no longer used.
- For example, `25.36.206` is the SA bundle of Azul Zulu 25 in this release, the first CSPU based on the July 2026 PSU release `25.36.16`.

For the complete versioning scheme, see Azul Zulu Versioning and Naming Conventions.

IANA Time Zone Data Version

This release of Azul Zulu comes with IANA Time Zone Database version **2026b**.

Notification of Upcoming Changes

Software Bill of Materials (SBOM) File Naming

Starting from the October 2026 release, Azul changes how it names the Software Bill of Materials (SBOM) files that accompany Zulu builds.

Current file naming:

- Azul produces one SBOM per full Zulu version
- Each file named with the pattern:

  `SBOM-zulu{zulu-version}-{season}-{index}.json`

- For example:

  `SBOM-zulu11.89-26-07-1.0.0.json`

In the future:

- Azul will produce one SBOM per platform build
- Each file named after the bundle it describes, using the pattern:

  `{bundle-name}_sbom.json`

- For example:

  `zulu11.89.16-sa-jdk-linux_x64.tar.gz_sbom.json`.

This change lets every bundle carry its own SBOM, meaning that a single full Zulu version will have several SBOMs: one per platform build, instead of one shared SBOM. Bundles can share identical SBOM content or differ from each other.

This change only affects Azul customers who receive SBOM files.

Supported Platforms

This section provides information about the operating systems that are supported in this release of Azul Zulu.

Azul Zulu Builds of OpenJDK Without and With OpenJFX

Some versions of Azul Zulu are available in different packages for specific platforms, as indicated in this overview table with:

- ✔ : Build of OpenJDK without OpenJFX.
- ✔✔: Build of OpenJDK without and with OpenJFX.

> **NOTE**
>
> The list of supported configurations and platform includes, but is not limited to, the table below. Don't hesitate to contact Support if you have issues with Azul Zulu Builds of OpenJDK on any other platform or configuration.

Operating System	Azul Zulu Version							
	6	7	8	11	17	21	25	26
Windows (x86 32/64-bit)								
Windows Server 2025	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Windows Server 2022	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Windows Server 2019	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Windows Server 2016	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Windows 11	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Windows (ARM 64-bit)								

Windows 11	n/a	n/a	n/a	n/a	✔	✔	✔	✔
Linux (x86 32/64-bit)								
RHEL 10.x [2]	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
RHEL 9.x	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
RHEL 8.x	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
RHEL 7.x	n/a	n/a	✔	✔	✔	n/a	n/a	n/a
Fedora 43	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
SLES 16	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
SLES 15	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
SLES 12	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
CentOS Stream	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Ubuntu 26.04	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Ubuntu 24.04	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Ubuntu 22.04	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Ubuntu 20.04	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Ubuntu 18.04	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]

Debian 13	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Debian 12	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Debian 11	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
Wind River 8.x	n/a	✔	✔	n/a	n/a	n/a	n/a	n/a
Alpine Linux 3.11 or later [3]	n/a	n/a	✔	✔	✔	✔	✔ [1] [3]	✔ [1] [3]
Wolfi Linux	n/a	n/a	n/a	n/a	n/a	✔	✔	✔ [1]
Amazon Linux 2023	n/a	n/a	✔	✔	✔	✔	✔ [1]	✔ [1]
Linux (ARM 64-bit)								
Ubuntu 26.04	n/a	n/a	✔	✔	✔	✔	✔	✔
Ubuntu 24.04	n/a	n/a	✔	✔	✔	✔	✔	✔
Ubuntu 22.04	n/a	n/a	✔	✔	✔	✔	✔	✔
Ubuntu 20.04	n/a	n/a	✔	✔	✔	✔	✔	✔
Ubuntu 18.04	n/a	n/a	✔	✔	✔	✔	✔	✔
Debian 13	n/a	n/a	✔	✔	✔	✔	✔	✔
Debian 12	n/a	n/a	✔	✔	✔	✔	✔	✔
Debian 11	n/a	n/a	✔	✔	✔	✔	✔	✔
Alpine Linux 3.11 or later [3]	n/a	n/a	✔	✔	✔	✔	✔ [3]	✔ [3]
Wolfi Linux	n/a	n/a	n/a	n/a	n/a	✔	✔	✔
Amazon Linux 2023	n/a	n/a	✔	✔	✔	✔	✔	✔
Linux with kernel 3.10.x and glibc 2.23 [4] [5]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a

Linux (ARM 32-bit Hard-Float)								
Ubuntu 18.04 [6]	n/a	n/a	✔	✔	✔	✔ [7]	✔ [7]	n/a
Raspberry Pi OS 10 (Buster) [6]	n/a	n/a	✔	✔	✔ [8]	✔ [8] [7]	✔ [8] [7]	n/a
Raspberry Pi OS 9 (Stretch) [6]	n/a	n/a	✔	✔	n/a	✔ [8] [7]	✔ [8] [7]	n/a
Linux with kernel 3.10.x and glibc 2.9 [6] [9]	n/a	n/a	✔	✔	n/a	✔ [7]	✔ [7]	n/a
Linux (ARM 32-bit Soft-Float) [10]								
Linux with kernel 2.6.34 and glibc 2.5 [11]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a
Debian 7 Wheezy [12]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a
Linux with kernel 3.10.x and glibc 2.9 [12]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a
Linux (MIPS 32-bit) [13]								
Linux with kernel 4.9.59 and glibc 2.9 [14]	n/a	n/a	✔	n/a	n/a	n/a	n/a	n/a
Linux (ppc64 Big Endian)								
Linux with kernel 3.8.13 and glibc 2.22 [15]	n/a	n/a	✔	n/a	n/a	n/a	n/a	n/a
Linux (ppc32 Hard-float and SPE)								
Linux with kernel 3.12.37 and glibc 2.20 [16]	n/a	n/a	✔	n/a	n/a	n/a	n/a	n/a
QNX								
QNX 7.0 ARMv7 32-bit Hard-Float ABI	n/a	n/a	✔	n/a	n/a	n/a	n/a	n/a
QNX 7.1 ARMv8 32-bit Hard-Float ABI	n/a	n/a	✔	n/a	n/a	n/a	n/a	n/a

macOS (x86 64-bit)								
macOS 14+	n/a	✔	✔	✔	✔	✔	✔	✔
macOS (Apple Silicon)								
macOS 14+	n/a	n/a	✔	✔	✔	✔	✔	✔
Solaris (x86 and Sparc)								
Solaris 11	n/a	✔	✔	✔	n/a	n/a	n/a	n/a
Solaris 10	n/a	✔	✔	n/a	n/a	n/a	n/a	n/a

1. Build of OpenJDK (with and without OpenJFX) only for 64-bit.
2. Only available in PSU builds
3. Alpine Linux 3.17 or later for Java 24+.
4. Bundles with the Checkpoint/Restore (with the `criu` suffix) functionality require kernel 4.4.0+.
5. Bundles compiled with GCC 9 (with the `gcc9` suffix) require glibc 2.29.
6. Bundles with the C1 compiler were tested on ARMv6/ARMv7/ARMv8 hardware. Bundles with both C1 and C2 compilers were tested on ARMv7/ARMv8 hardware.
7. This bundle is only available as a Subscriber Availability (SA) distribution.
8. Linux (ARM 32-bit Hard-Float) Zulu 17+ is only supported on Raspberry Pi boards with an ARMv7 or ARMv8 processor and can't be used on, e.g., Raspberry Pi 1 and Raspberry Pi Zero 1.
9. Bundles with the CRaM (with the `cr` suffix) functionality require glibc 2.13.
10. Bundles with the C1 compiler use FPU, if it is present and available, to speed up floating point operations. Bundles with both C1 and C2 compilers require FPU.
11. Bundles with the C1 compiler. Tested on ARMv5 hardware.
12. Bundles with the C1 compiler were tested on ARMv6 and ARMv7 hardware. Bundles with both C1 and C2 compilers were tested on ARMv7 hardware.
13. MIPS32r2 ISA, Big Endian, FPU in 32-bit mode or equivalent emulation.
14. Linux soft-float O32 MIPS ABI.
15. Bundles for this platform were tested on QorIQ® T4240-RDB.
16. Hard-Float EABI bundles were tested on QorIQ® T1024RDB. SPE ABI bundles were

tested on NXP® P2020RDB.

Azul Zulu Builds of OpenJDK With CRaC

NOTE

Currently, CRaC is only available for the specified Linux systems, in the versions listed below of Azul Zulu Builds of OpenJDK. For development, you can use the CRaC Java library on any platform and simulate the CRaC functionality.

- ✔️ : Build of OpenJDK with full CRaC support and the Warp engine.
- ✔️ : Build of OpenJDK with CRaC support for development purposes. These provide a simulated checkpoint/restore mechanism to be used for development and testing.

Operating System	Azul Zulu Versions	
	17, 21, 25, 26	
	x86 64-bit	ARM 64-bit
Linux	✔️	✔️
Alpine Linux 3.16	✔️	✔️
Windows	✔️	n/a
macOS	✔️	✔️

Fixed Issues

This section covers all issues that were fixed in this release.

Fixed Common Vulnerabilities and Exposures

This section summarizes Common Vulnerabilities and Exposures (CVE) fixed in this release.

CVE #	Component	Protocol	Remote Exploit w/o Auth.	Base Score	Attack Vector	Attack Complex	Privileges Req'd	User Interact	Scope	Confiden-tiality	Integrity	Availability	Azul Zulu Versions Affected	Notes
CVE-2026-70906	2D	Multiple	Yes	7.5	Network	Low	None	None	Unchanged	None	None	High	26, 25	Note 1
CVE-2026-61308	Networking	HTTP	Yes	6.8	Network	High	None	None	Changed	High	None	None	26, 25, 21, 17, 11, 8, 7, 6	Note 1
CVE-2026-70907	JSSE	TLS	Yes	5.3	Network	Low	None	None	Unchanged	None	None	Low	26, 25, 21, 17, 11, 8	Note 2
CVE-2026-60589	Security	Multiple	Yes	3.7	Network	High	None	None	Unchanged	Low	None	None	26, 25, 21, 17, 11, 8, 7, 6	Note 2
CVE-2026-62574	Install	None	No	7.8	Local	Low	Low	None	Unchanged	High	High	High	None	Note 1

Notes:

ID	Notes
1	This vulnerability can be exploited by using APIs in the specified Component, e.g., through a web service which supplies data to the APIs. This vulnerability also applies to Java deployments that load and run untrusted code (e.g., code that comes from the internet) and rely on the Java sandbox for security.
2	This vulnerability can only be exploited by supplying data to APIs in the specified Component such as through a web service.

Non-CVE Security Fixes

The following table summarizes non-CVE security fixes implemented in this release.

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
No issues fixed in this release			

OpenJDK Fixes and Enhancements

The following table describes the OpenJDK changes implemented in this release.

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-6687282	6	URLConnection for HTTPS connection through Proxy w/ Digest Authentication gives 400 Bad Request	CPU,PSU
JDK-8382471	6,7,8,11,17,21,25,26	Improve Resource Resolving	CPU,PSU
JDK-8384708	6,7,8,11,17,21,25,26	Enhance HTTP Connections	CPU,PSU
JDK-8386205	8,11,17,21,25,26	Enhance TLS server	CPU,PSU
JDK-8386298	25,26	Improve font loading	CPU,PSU
JDK-8385390	8,11	Update FreeType to 2.14.3	PSU
JDK-8387976	11	[11u] Remove designator DEFAULT_PROMOTED_VERSION_PRE=ea for release 11.0.32	PSU
JDK-8388788	25	Bump update version for OpenJDK: jdk-25.0.4.1	PSU
JDK-8388811	8	[8u] VS2010 build broken by JDK-8374058	PSU
JDK-8389476	11	Bump update version for OpenJDK: jdk-11.0.32.1	PSU
JDK-8389477	8	Bump update version for OpenJDK: 8u504	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8389945	25	[25u] Remove designator DEFAULT_PROMOTED_VERSION_PRE=ea for release 25.0.4.1	PSU

OpenJFX Fixes and Enhancements

The following table describes the JavaFX changes implemented in this release.

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
No issues fixed in this release			

Fixes and Enhancements Specific to Azul Zulu Builds of OpenJDK

The following table describes the Azul Zulu changes implemented in this release.

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-91815	25	Bundle PQ-JSSE with Zulu 25	PSU
ZULU-94523	25	Update PQJSSE for the August release	PSU

Fixes and Enhancements Specific to Azul Zulu Builds of OpenJDK With JavaFX

The following table describes the Azul Zulu changes implemented in this release.

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
No issues fixed in this release			

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