Azul Zulu builds of OpenJDK

Out-of-Cycle, October 21, 2026 Update

Release Notes

Revision 1.4

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Revision History

Revision	Date	Description
1.0	October 21, 2026	Initial version of this document, aligned with the October 2026 Quarterly Update Release Notes.
1.1	October 21, 2026	Added workaround.
1.2	October 21, 2026	Corrected "Based on" version numbers.
1.3	October 21, 2026	Updated release notes title.
1.4	October 23, 2026	Added CVE table.

Release Details

This release is an update release for the October 2026 quarterly update release for Azul Zulu Builds of OpenJDK version 27, 25, 21, 17, 11, 8, 7, and 6, related to security issues with specific CA Certificates.

IMPORTANT	It's recommended to update to this release build ASAP. Zulu runtimes that can't be updated immediately can be fixed with a workaround for the eMudhra intermediate CA certificate compromise issue.

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	
27.30.107 (CA) 27.30.108 (SA)	PSU	27.0.1+9	27.30	27.0.1+9	27.0.1+101
25.37.114 (SA)	CPU	25.0.4.1.101+1	25.37	25.0.4.1.101+1	25.0.4.0.101+102
25.38.107 (CA) 25.38.108 (SA)	PSU	25.0.5+8	25.38	25.0.5+8	25.0.5+100

21.53.112 (SA)	CPU	21.0.12.1.101+1	21.53	21.0.12.1.101+1	23.0.8.0.101+101
21.54.107 (CA) 21.54.108 (SA)	PSU	21.0.13+9	21.54	21.0.13+9	23.0.9+102
17.69.112 (SA)	CPU	17.0.20.1.101+1	17.69	17.0.20.1.101+1	22.0.10.0.101+101
17.70.111 (CA) 17.70.112 (SA)	PSU	17.0.21+9	17.70	17.0.21+9	22.0.11+103
11.91.112 (SA)	CPU	11.0.32.1.101+1	11.91	11.0.32.1.101+1	19.0.16.0.101+101
11.92.109 (CA) 11.92.110 (SA)	PSU	11.0.33+9	11.92	11.0.33+9	19.0.17+102
8.97.0.110 (SA)	CPU	8u511-b01	8.97	8u511-b01	8u511-b03
8.98.0.107 (CA) 8.98.0.108 (SA)	PSU	8u512-b08	8.98	8u512-b08	8u512-b02
7.89.0.110 (SA)	CPU	7u521-b01	7.89	7u521-b01	N/A
6.83.0.108 (SA)	CPU	6b191	6.83	6b191	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:

- **CPU** (Critical Patch Updates) contain 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 Updates) 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

This update releases fixes a security issue related to the compromise of eMudhra intermediate CA certificates.

Blocked eMudhra Intermediate CA Certificates

On October 20, 2026, Mozilla publicly disclosed that the private keys of eight eMudhra intermediate CA certificates were compromised. Azul Zulu trusts the root certificates these intermediates chain to, and Java does not check certificate revocation by default. Without a fix, Zulu would accept certificates issued with the compromised keys.

This update release adds the eight compromised intermediate certificates to the list of blocked certificates (`blocked.certs` in JDK 11+, or `blacklisted.certs` in older versions) in the `lib/security` directory of all Azul Zulu builds listed in this document. No manual workaround is needed after upgrading to this release.

Major browsers and operating systems already block these certificates, so legitimate connections should not be affected.

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.

No.	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
1	CVE-2026-91403	JSSE	Multiple	Yes	9.1	Network	Low	None	None	Unchanged	High	High	None	27, 25, 21, 17, 11, 8, 7, 6	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.

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