Azul Zulu builds of OpenJDK

October 2026 Quarterly Update

Release Notes

Revision 1.1

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Revision History

Revision	Date	Description
0.1	October 20, 2026	Initial version of the document.
1.0	October 20, 2026	• Added CVE information. • Updated and corrected version numbers in the release details table. • Removed the "Known Issue" about timezone data for Windows. • Added FORWARD_PERMIT setting for RMI connections. • Added title for JavaFX clipboard change.
1.1	October 20, 2026	Change in FORWARD_PERMIT setting for RMI connections.

Release Details

This release is the October 2026 quarterly update release for Azul Zulu Builds of OpenJDK version 27, 25, 21, 17, 11, 8, 7, and 6.

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	
27.30.105 (CA) 27.30.106 (SA)	PSU	27.0.1+9	27.28	27.0.0+35	27.0.1+101
25.37.112 (SA)	CPU	25.0.4.1.101+1	25.36	25.0.4.1.1+1	25.0.4.0.101+102
25.38.105 (CA) 25.38.106 (SA)	PSU	25.0.5+8	25.37	25.0.4.1.101+1	25.0.5+100
21.53.110 (SA)	CPU	21.0.12.1.101+1	21.52	21.0.12.1+1	23.0.8.0.101+101
21.54.105 (CA) 21.54.106 (SA)	PSU	21.0.13+9	21.53	21.0.12.1.101+1	23.0.9+102

17.69.108 (SA) 17.69.110 (SA, Windows)	CPU	17.0.20.1.101+1	17.68	17.0.20.1+1	22.0.10.0.101+101
17.70.107 (CA) 17.70.109 (CA, Windows) 17.70.108 (SA) 17.70.110 (SA, Windows)	PSU	17.0.21+9	17.69	17.0.20.1.101+1	22.0.11+103
11.91.108 (SA) 11.91.110 (SA, Windows)	CPU	11.0.32.1.101+1	11.90	11.0.32.1+1	19.0.16.0.101+101
11.92.105 (CA) 11.92.107 (CA, Windows) 11.92.106 (SA) 11.92.108 (SA, Windows)	PSU	11.0.33+9	11.91	11.0.32.1.101+1	19.0.17+102
8.97.0.108 (SA)	CPU	8u511-b01	8.96	8u504-b01	8u511-b03
8.98.0.105 (CA) 8.98.0.106 (SA)	PSU	8u512-b08	8.97	8u511-b01	8u512-b02
7.89.0.108 (SA)	CPU	7u521-b01	7.87	7u513-b01	N/A
6.83.0.106 (SA)	CPU	6b191	6.81	6b183	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

Azul JDK X-Ray Tool

This update contains an exceptional number of CVEs, which makes now a good time to check your systems for outdated Java versions.

The Azul JDK X-Ray Tool is a single-file script that answers one question: is there a vulnerable Java on this machine? It is not an inventory tool, so it doesn't report where Java is installed or how much of it there is. Instead, it looks for Java files, first in the standard install locations and, if nothing outdated is found there, on the full disk. This also catches a JDK that was unpacked or bundled by a third-party application.

The tool requires no arguments, no configuration, and no network access. Download the script and run it:

- Windows: `windows/azul-jdk-xray.ps1` (PowerShell 5.1 or later)
- macOS and Linux: `macos-linux/azul-jdk-xray.sh` (any POSIX shell)

The tool is hosted on GitHub for full transparency and auditability. As with any script you download, please review it before running it.

Change Related to Intelligence Cloud

The Connected Runtime Service (CRS) embedded agent is being retired from Azul Zulu Builds of OpenJDK, as the separate Azul Intelligence Cloud Agent covers the same use cases more efficiently.

In the July 2026 release, this change was applied to all Azul Zulu PSU configurations. With this release, the same applies to the CPU configurations.

See Using the Azul Intelligence Cloud agent for more information.

Changes in the HTTP Server Behavior

This release includes the following changes in the JDK built-in HTTP server.

sun.net.httpserver.disableHostValidation

`HttpServer` now accepts only one `Host` header in HTTP/1.1 requests by default, as required by RFC 9112. Requests with more than one `Host` header are rejected with a 400 error code. This behavior is controlled by a new system property `sun.net.httpserver.disableHostValidation` with the default value `false`.

The previous behavior can be restored by setting the following system property:

```
-Dsun.net.httpserver.disableHostValidation=true
```

Backslashes in Request Paths on Windows

On Windows on JDK 21 or later, `SimpleFileServer` and `jwebserver` now return a 404 response for any request URL whose path contains a backslash. Only forward slashes are accepted as path separators.

Changes to XML processing

This release includes the following new or changed system properties.

jdk.xml.enableTemplatesImplDeserialization

Deserializing a `TemplatesImpl` object through `ObjectInputStream.readObject()` now throws an `UnsupportedOperationException` by default. This behavior is controlled by a new system property `jdk.xml.enableTemplatesImplDeserialization` with the default value `false`.

The previous behavior can be restored by setting the following system property:

```
-Djdk.xml.enableTemplatesImplDeserialization=true
```

jdk.xml.allowNonXSLTSysProps

The XPath `system-property()` function now throws a `TransformerException` for property names outside the set defined by XSLT by default. This behavior is controlled by a new system property `jdk.xml.allowNonXSLTSysProps` with the default value

`false`.

The previous behavior can be restored by setting the following system property:

```
-Djdk.xml.allowNonXSLTSysProps=true
```

Changes in RMI Connections

FORWARD_PERMIT in java-rmi.cgi.sh

In Azul Zulu 6, 7, and 8, the `jdk/src/solaris/bin/java-rmi.cgi.sh` script now denies port forwarding by default, if the script is installed. This behavior is controlled by a new setting `FORWARD_PERMIT` in the script.

The previous behavior can be restored by adding a new line to the script:

```
FORWARD_PERMIT=1024-65535
```

Changes in JavaFX Clipboard Processing

javafx.dnd.deserializeObjectGraph

In builds with FX on macOS, `Clipboard.getContent(DataFormat)` and `Dragboard.getContent(DataFormat)` now deserialize only to `String` or `ByteBuffer` types by default. This behavior is controlled by a new system property `javafx.dnd.deserializeObjectGraph` with the default value `false`.

The previous behavior can be restored by setting the following system property:

```
-Djavafx.dnd.deserializeObjectGraph=true
```

Changes in Coordinated Restore at Checkpoint (CRaC)

Coordinated Restore at Checkpoint (CRaC) is an OpenJDK project that allows you to start Java programs with a shorter time to first transaction, combined with less time and resources to achieve full code speed.

Support for Checkpoint After Restore in Warp

CRaC uses a "CRaC engine" to record the state of the Java process at checkpoint and to reconstruct it on restore. Azul Zulu provides two engines for Linux:

- **criuengine**: based on CRIU (Checkpoint/Restore In Userspace). It requires elevated privileges, for example root through the SUID bit or the `CHECKPOINT_RESTORE` and `SYS_PTRACE` capabilities in a container. Enable it with `-XX:CRaCEngine=criuengine`.
- **Warp**: an engine independent of CRIU that requires no additional privileges for checkpoint or restore. Enable it with `-XX:CRaCEngine=warp`.

For more information about the engines, see CRaC Engines in the CRaC documentation.

Starting with this release, Warp supports checkpointing again after a restore, which `criuengine` already supported.

NOTE

If you use direct mapping of the checkpoint image (`-XX:CRaCEngineOptions=direct_map=true`, the default mode), you must preserve the whole chain of images. For example, if you checkpointed to `/path/to/image1` and restored from it without `-XX:CRaCEngineOptions=direct_map=false`, you cannot checkpoint to `/path/to/image1` again. That would overwrite the old image, on which the new one depends because of the direct mapping. Instead, checkpoint to `/path/to/image2`. When you restore from `/path/to/image2`, `/path/to/image1` must still exist in the same location. This restriction applies to both Warp and `criuengine`.

Notification of Changes

Reduced/Streamlined Testing

In this release, Azul is reducing and/or streamlining the testing of Zulu builds on certain End-of-Life operating systems. Rest assured, Azul will continue accepting support requests from these platforms, and customers will continue to be fully supported. It

does mean that testing on these platforms can be reduced, streamlined, or deprioritized. If you continue to use Zulu on any of these platforms, please let us know by emailing us at support@azul.com.

The following platforms are affected and are no longer listed in the Supported Platforms table:

- Debian 11, for which the LTS support ended on August 31, 2026.
- Ubuntu 18.04 and Ubuntu 20.04, for which the standard support ended.
- Alpine Linux versions older than 3.24, as all earlier versions reached their end of life. Azul now tests Alpine Linux 3.24 for all Zulu versions.
- Fedora 43, replaced by Fedora 44, which is the version Azul tests.
- CentOS Stream versions older than CentOS Stream 9, which is the version Azul tests.
- macOS versions older than macOS 15.

IANA Time Zone Data Version

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

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	27
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 44	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
SLES 16	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
SLES 15	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
SLES 12	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
CentOS Stream 9	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Ubuntu 26.04	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Ubuntu 24.04	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Ubuntu 22.04	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Debian 13	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Debian 12	✔	✔	✔✔	✔✔	✔✔	✔✔ [1]	✔✔ [1]	✔✔ [1]
Wind River 8.x	n/a	✔	✔	n/a	n/a	n/a	n/a	n/a

Alpine Linux 3.24	n/a	n/a	✔	✔	✔	✔	✔ [1]	✔ [1]
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	✔✔	✔✔	✔✔	✔✔	✔✔	✔✔
Debian 13	n/a	n/a	✔✔	✔✔	✔✔	✔✔	✔✔	✔✔
Debian 12	n/a	n/a	✔✔	✔✔	✔✔	✔✔	✔✔	✔✔
Alpine Linux 3.24	n/a	n/a	✔	✔	✔	✔	✔	✔
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 [3] [4]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a
Linux (ARM 32-bit Hard-Float)								
Ubuntu 18.04 [5]	n/a	n/a	✔	✔	✔	✔ [6]	✔ [6]	n/a
Raspberry Pi OS 10 (Buster) [5]	n/a	n/a	✔	✔	✔ [7]	✔ [7] [6]	✔ [7] [6]	n/a
Raspberry Pi OS 9 (Stretch) [5]	n/a	n/a	✔	✔	n/a	✔ [7] [6]	✔ [7] [6]	n/a
Linux with kernel 3.10.x and glibc 2.9 [5] [8]	n/a	n/a	✔	✔	n/a	✔ [6]	✔ [6]	n/a
Linux (ARM 32-bit Soft-Float) [9]								

Linux with kernel 2.6.34 and glibc 2.5 [10]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a
Debian 7 Wheezy [11]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a
Linux with kernel 3.10.x and glibc 2.9 [11]	n/a	n/a	✔	✔	n/a	n/a	n/a	n/a
Linux (MIPS 32-bit) [12]								
Linux with kernel 4.9.59 and glibc 2.9 [13]	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 [14]	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 [15]	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 15+	n/a	✔	✔✔	✔✔	✔✔	✔✔	✔✔	✔✔
macOS (Apple Silicon)								
macOS 15+	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. Bundles with the Checkpoint/Restore (with the `criu` suffix) functionality require kernel 4.4.0+.
4. Bundles compiled with GCC 9 (with the `gcc9` suffix) require glibc 2.29.
5. 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.
6. This bundle is only available as a Subscriber Availability (SA) distribution.
7. 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.
8. Bundles with the CRaM (with the `cr` suffix) functionality require glibc 2.13.
9. 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.
10. Bundles with the C1 compiler. Tested on ARMv5 hardware.
11. Bundles with the C1 compiler were tested on ARMv6 and ARMv7 hardware. Bundles with both C1 and C2 compilers were tested on ARMv7 hardware.
12. MIPS32r2 ISA, Big Endian, FPU in 32-bit mode or equivalent emulation.
13. Linux soft-float O32 MIPS ABI.
14. Bundles for this platform were tested on QorIQ® T4240-RDB.
15. 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, 27	
	x86 64-bit	ARM 64-bit
Linux	✔	✔
Alpine Linux 3.24	✔	✔
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.

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-2026-43660	JavaFX (WebKitGTK)	Multiple	Yes	7.5	Network	High	None	Required	Unchanged	High	High	High	27, 25, 21, 17, 11, 8	Note 1
2	CVE-2026-91415	2D	Multiple	Yes	7.0	Network	High	None	None	Unchanged	Low	Low	High	27, 25, 21, 17, 11, 8, 7, 6	Note 2
3	CVE-2026-91398	Networking	SOCKS5	Yes	6.8	Network	High	None	None	Changed	None	High	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
4	CVE-2026-101516	Libraries	Multiple	Yes	6.5	Network	Low	None	None	Unchanged	Low	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
5	CVE-2026-83395	Networking	Multiple	Yes	6.5	Network	Low	None	None	Unchanged	None	Low	Low	27, 25, 21, 17, 11, 8, 7, 6	Note 2
6	CVE-2026-87294	Security	Multiple	Yes	6.5	Network	Low	None	None	Unchanged	Low	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
7	CVE-2026-91382	2D	Multiple	Yes	6.5	Network	High	None	None	Unchanged	None	High	Low	17, 11, 8, 7, 6	Note 2
8	CVE-2026-91395	Utility	Multiple	Yes	6.5	Network	Low	None	None	Unchanged	None	Low	Low	11, 8, 7, 6	Note 2

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
9	CVE-2026-91396	Utility	Multiple	Yes	6.5	Network	Low	None	None	Unchanged	None	Low	Low	11, 8, 7, 6	Note 2
10	CVE-2026-91411	JGSS	Multiple	Yes	6.5	Network	High	None	None	Unchanged	None	Low	High	11, 8, 7, 6	Note 2
11	CVE-2026-6732	JavaFX (WebKitGTK)	Multiple	Yes	5.9	Network	High	None	None	Unchanged	None	None	High	27, 25, 21, 17, 11, 8	Note 1
12	CVE-2026-83374	Security	Multiple	Yes	5.9	Network	High	None	None	Unchanged	None	High	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
13	CVE-2026-83387	JDBC	Multiple	Yes	5.9	Network	High	None	None	Unchanged	High	None	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
14	CVE-2026-87290	JAXP	Multiple	Yes	5.9	Network	High	None	None	Unchanged	High	None	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
15	CVE-2026-91394	Networking	Multiple	Yes	5.9	Network	High	None	None	Unchanged	High	None	None	27, 25, 21, 17, 11	Note 2
16	CVE-2026-91462	JGSS	Multiple	Yes	5.9	Network	High	None	None	Unchanged	None	High	None	27, 25, 21, 17, 11, 8, 7, 6	Note 3
17	CVE-2026-87293	RMI	Multiple	Yes	5.4	Network	High	None	None	Changed	Low	Low	None	8, 7, 6	Note 3
18	CVE-2026-91385	JavaFX	Multiple	Yes	5.4	Network	Low	None	Required	Unchanged	Low	Low	None	27, 25, 21, 17, 11, 8	Note 1
19	CVE-2026-83380	JAAS	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	Low	None	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
20	CVE-2026-83400	JAXP	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	None	Low	27, 25, 21, 17, 11, 8, 7, 6	Note 2

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
21	CVE-2026-87291	Networking	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	Low	None	None	27, 25, 21	Note 3
22	CVE-2026-91332	Networking	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11	Note 2
23	CVE-2026-91373	JSSE	TLS	Yes	5.3	Network	Low	None	None	Unchanged	None	None	Low	27, 25, 21, 17, 11, 8, 7, 6	Note 2
24	CVE-2026-91410	Libraries	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	None	Low	25, 21, 17, 11, 8, 7	Note 2
25	CVE-2026-91417	CORBA	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	None	Low	8, 7, 6	Note 3
26	CVE-2026-91418	ImageIO	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	None	Low	27, 25, 21, 17, 11, 8, 7, 6	Note 2
27	CVE-2026-91451	Networking	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 3
28	CVE-2026-91452	Networking	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 3
29	CVE-2026-91453	Lightweight HTTP Server	Multiple	Yes	5.3	Network	Low	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 3
30	CVE-2026-91463	JGSS	Multiple	Yes	5.3	Network	High	None	Required	Unchanged	High	None	None	27, 25, 21, 17, 11, 8, 7, 6	Note 1
31	CVE-2026-91464	JGSS	Multiple	Yes	5.3	Network	High	None	Required	Unchanged	High	None	None	27, 25, 21, 17, 11, 8, 7, 6	Note 1
32	CVE-2026-83378	Compiler	Multiple	Yes	4.8	Network	High	None	None	Unchanged	Low	Low	None	27, 25, 21	Note 3

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
33	CVE-2026-83381	Security	Multiple	Yes	4.8	Network	High	None	None	Unchanged	Low	Low	None	27, 25, 21, 17, 11, 8, 7	Note 2
34	CVE-2026-91374	Serviceability	Multiple	Yes	4.8	Network	High	None	None	Unchanged	Low	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
35	CVE-2026-91487	Compiler	Multiple	Yes	4.8	Network	High	None	None	Unchanged	Low	Low	None	27, 25, 21, 17, 11	Note 3
36	CVE-2026-91375	Libraries	None	No	4.7	Local	High	None	Required	Unchanged	None	High	None	27, 25, 21, 17, 11	Note 2
37	CVE-2026-91379	JDK tools	None	No	4.7	Local	High	None	Required	Unchanged	None	High	None	27, 25, 21, 17, 11	Note 1
38	CVE-2026-46470	JavaFX (gstreamer)	Multiple	Yes	4.2	Network	High	None	Required	Unchanged	Low	None	Low	27, 25, 21, 17, 11, 8	Note 1
39	CVE-2026-91380	Utility	None	No	4.0	Local	High	None	None	Unchanged	Low	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
40	CVE-2026-83376	JSSE	TLS	Yes	3.7	Network	High	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
41	CVE-2026-87255	Compiler	Multiple	Yes	3.7	Network	High	None	None	Unchanged	Low	None	None	27, 25	Note 3
42	CVE-2026-87292	Networking	Multiple	Yes	3.7	Network	High	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
43	CVE-2026-87367	JAXP	Multiple	Yes	3.7	Network	High	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
44	CVE-2026-91333	Security	Multiple	Yes	3.7	Network	High	None	None	Unchanged	None	Low	None	27, 25, 21	Note 2

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
45	CVE-2026-91334	ImageIO	Multiple	Yes	3.7	Network	High	None	None	Unchanged	Low	None	None	27, 25, 21, 17, 11, 8, 7, 6	Note 2
46	CVE-2026-91381	2D	Multiple	Yes	3.7	Network	High	None	None	Unchanged	None	Low	None	8, 7, 6	Note 2
47	CVE-2026-91409	Networking	Multiple	Yes	3.7	Network	High	None	None	Unchanged	None	None	Low	27	Note 2
48	CVE-2026-91461	JSSE	TLS	Yes	3.7	Network	High	None	None	Unchanged	None	Low	None	27, 25, 21, 17, 11, 8	Note 3
49	CVE-2026-91397	Serviceability	None	No	3.6	Local	High	None	Required	Unchanged	None	Low	Low	27, 25, 21, 17, 11, 8, 7, 6	Note 2
50	CVE-2026-91400	Sound	Multiple	Yes	3.1	Network	High	None	Required	Unchanged	None	None	Low	27, 25, 21, 17, 11, 8, 7, 6	Note 1
51	CVE-2026-91402	JavaFX	Multiple	Yes	3.1	Network	High	None	Required	Unchanged	Low	None	None	27, 25, 21, 17, 11, 8	Note 1
52	CVE-2026-91477	JavaFX	Multiple	Yes	3.1	Network	High	None	Required	Unchanged	Low	None	None	27, 25	Note 1
53	CVE-2026-91335	AWT	Multiple	No	2.6	Network	High	Low	Required	Unchanged	Low	None	None	27, 25, 21, 17, 11, 8, 7	Note 1
54	CVE-2026-91484	Java plugin	None	No	7.5	Local	High	Low	None	Changed	High	High	None	None	Note 1
55	CVE-2026-101737	Compiler	Multiple	Yes	5.9	Network	High	None	None	Unchanged	None	None	High	None	Note 3

Notes:

ID	Notes
1	This vulnerability 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. This vulnerability does not apply to Java deployments, typically on servers, that load and run only trusted code (e.g., code installed by an administrator).

ID	Notes
2	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.
3	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
JDK-8382407	8,11,17,21,25,27	Enhance LDAP Lookups	PSU
JDK-8383209	8,11,17,21,25,27	Improve JavaFX Scripting Support	PSU
JDK-8383219	8,11,17,21,25,27	Enhance JavaFX Document Loading	PSU
JDK-8383229	8,11,17,21,25,27	Enhance JavaFX Image Loading	PSU
JDK-8383252	8,11,17,21,25,27	Enhance JavaFX DnD	PSU
JDK-8383281	8,11,17,21,25,27	Enhance MD5 Digesting	PSU
JDK-8383312	25,27	Enhance JavaFX CSS Handling	PSU
JDK-8383322	8,11,17,21,25,27	Enhance JavaFX Clipboard	PSU
JDK-8383332	11,17,21,25,27	Improve JavaFX Input Methods	PSU
JDK-8383333	8,11,17,21,25,27	Improve JavaFX Drag and Drop	PSU
JDK-8383356	25,27	Improve JavaFX Rich Text Formatting	PSU
JDK-8383530	21,25,27	Enhance Javadoc Searching	PSU
JDK-8384455	8,11,17,21,25,27	Enhance DataFlavor	PSU
JDK-8384468	17,21,25,27	Enhance jpackage Packaging	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8386013	8,11,17,21,25,27	Enhance EventListenerList	PSU

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-8186464	8	ZipFile cannot read some InfoZip ZIP64 zip files	CPU,PSU
JDK-8204539	6,7,8	improve error messages in matchJavaTZ [windows]	CPU,PSU
JDK-8240226	8	DeflateIn_InflateOut.java test incorrectly assumes size of compressed file	CPU,PSU
JDK-8243246	11	HTTP Client sometimes gets java.io.IOException Invalid chunk header byte 32	CPU,PSU
JDK-8255380	8,11	(zipfs) ZipFileSystem::readExtra can fail if zipinfo-time is not set to false	CPU,PSU
JDK-8264666	6,7,8	Change implementation of safeAdd/safeMult in the LCMSImageLayout class	CPU,PSU
JDK-8270915	6,7,8,11,17	GIFImageReader disregards ignoreMetadata flag which causes memory exhaustion	CPU,PSU
JDK-8272746	8,11	ZipFile can't open big file (NegativeArraySizeException)	CPU,PSU
JDK-8298240	6,7,8,11,17	Replace the usage of ImageLayoutException by the CMMException	CPU,PSU
JDK-8300167	6,7,8,11,17	Add validation of the raster's layout before using in native	CPU,PSU
JDK-8304013	8,11,17	Add a fast, non-manual alternative to test/jdk/java/util/zip/ZipFile/TestTooManyEntries	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8316391	8,11,17,21	(zipfs) ZipFileSystem.readFullyAt does not tolerate short reads	CPU,PSU
JDK-8317126	11,17,21	Redundant entries in Windows `tzmappings` file	CPU,PSU
JDK-8325680	6,7,8,11	Uninitialised memory in deleteGSSCB of GSSLibStub.c:179	CPU,PSU
JDK-8341625	8,11,17,21	Improve ZipFile validation of the END header	CPU,PSU
JDK-8343788	11,17,21	Provide means to alter lib/tzmappings entries on Windows	CPU,PSU
JDK-8347000	7,8,11	Bug in com/sun/net/httpserver/bugs/B6361557.java test	CPU,PSU
JDK-8355563	25	VectorAPI: Refactor current implementation of subword gather load API	CPU,PSU
JDK-8365776	11,17	Convert JShell tests to use JUnit instead of TestNG	CPU,PSU
JDK-8373677	6,7,8,11,17,21,25	Clear text HttpServer connection could fail fast if receiving SSL ClientHello	CPU,PSU
JDK-8374434	11,17	Several JShell tests report JUnit discovery warnings	CPU,PSU
JDK-8377983	7,8,11,17,21,25	(zipfs) ZipFileSystem.initCEN needlessly reads END header	CPU,PSU
JDK-8377992	7,8,11,17,21,25	(zipfs) Align ZipFileSystem END header validation with the ZipFile implementation	CPU,PSU
JDK-8380223	11,17,21,25	Refactor test/jdk/sun/util/resources TestNG tests to JUnit	CPU,PSU
JDK-8380715	6,7,8,11,17,21,25,27	Enhance PKCS5 padding	CPU,PSU
JDK-8381379	6,7	Support std/dstOffset attributes in CLDR's	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8381379	8,11,17,21,25	Support std/dstOffset attributes in CLDR's metazone definitions	CPU,PSU
JDK-8381519	6,7	Enhance Der Value Handling	CPU,PSU
JDK-8382178	6,7,8,11,17,21,25,27	Enhance TLS certificate handling	CPU,PSU
JDK-8382378	21,25,27	Improve C2 loop transformations	CPU,PSU
JDK-8383047	6,7,8,11,17,21,25,27	Enhance LDAP logins	CPU,PSU
JDK-8383076	7,8,11,17,21,25,27	Enhance SASL Authentication	CPU,PSU
JDK-8383301	6,7,8,11,17,21,25,27	Enhance WebRowSets	CPU,PSU
JDK-8383439	6,7,8,11,17,21,25,27	Enhance HTTP Client Response Handling	CPU,PSU
JDK-8383679	6,7,8,11,17,21,25,27	Enhance Certificate Name Checks	CPU,PSU
JDK-8383689	25,27	Enhance Vector Processing	CPU,PSU
JDK-8383699	6,7,8,11,17,21,25,27	Enhance XPath Expressions	CPU,PSU
JDK-8383745	21,25,27	Enhance HTTP Server	CPU,PSU
JDK-8383756	6,7,8,11,17,21,25,27	Enhance Network Clients	CPU,PSU
JDK-8383956	6,7,8	Enhance RMI connections	CPU,PSU
JDK-8384021	6,7,8,11,17,21,25,27	Enhance Certificate Constraint Checking	CPU,PSU
JDK-8384031	6,7,8,11,17,21,25,27	Enhance XML Processing	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8384165	21,25,27	Improve ciphertext handling	CPU,PSU
JDK-8384445	6,7,8,11,17,21,25,27	Enhance JPEG loading	CPU,PSU
JDK-8384654	6,7,8,11,17,21,25,27	Enhance Template Handling	CPU,PSU
JDK-8384664	7,8,11,17,21,25,27	Enhance Image Handling	CPU,PSU
JDK-8384688	11,17,21,25,27	Enhance jmod handling	CPU,PSU
JDK-8384736	11,17,21,25,27	Enhance JShell	CPU,PSU
JDK-8384746	6,7,8,11,17,21,25,27	Enhance Preferences	CPU,PSU
JDK-8384771	6,7,8,11,17,21,25,27	Enhance TLS handshakes	CPU,PSU
JDK-8384781	6,7,8	Enhance Font Rendering	CPU,PSU
JDK-8384872	11,17,21,25,27	Enhance HTTP Client	CPU,PSU
JDK-8384914	6,8,11,17	Enhance Image Processing	CPU,PSU
JDK-8384930	6,7,8,11,17,21,25,27	Enhance jstatd	CPU,PSU
JDK-8385209	11,17,21,25,27	Enhance HTTP client caching	CPU,PSU
JDK-8385219	6,7,8,11	Enhance Pack200 unpacking	CPU,PSU
JDK-8385229	6,7,8,11	Improve Pack200 handling	CPU,PSU
JDK-8385249	6,7,8,11,17,21,25,27	Enhance diagnostic sessions	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8385260	6,7,8,11,17,21,25,27	Enhance SOCKS5 support	CPU,PSU
JDK-8385476	6,7,8,11,17,21,25,27	Enhance MIDI file handling	CPU,PSU
JDK-8386043	7,8,11,17,21,25	Enhance zipfs	CPU,PSU
JDK-8386053	6,7,8,11	Enhance JGSS	CPU,PSU
JDK-8386175	6,7,8	Enhance CORBA	CPU,PSU
JDK-8386187	6,7,8,11,17,21,25,27	Enhance font rendering	CPU,PSU
JDK-8386515	6,7,8,11,17,21,25,27	Enhance HTTP server parsing	CPU,PSU
JDK-8386525	6,7,8,11,17,21,25,27	Enhance HTTP Server Handler	CPU,PSU
JDK-8386535	6,7,8,11,17,21,25,27	Improve HTTP headers	CPU,PSU
JDK-8386552	6,7,8,11,17,21,25,27	Enhance GIF loading	CPU,PSU
JDK-8386783	6,7,8,11,17,21,25,27	WebRowSet empty elements read value of previous element	CPU,PSU
JDK-8386923	8,11,17,21,25,27	Enhance TLS Extensions	CPU,PSU
JDK-8387075	17,21,25,27	RemoteHostImpl constructor correction (jstatd)	CPU,PSU
JDK-8387123	6,7,8,11,17,21,25,27	Remove LuxTrust Global Root CA	CPU,PSU
JDK-8387152	6,7,8,11,17,21,25,27	Enhance krb5 tokens	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8387217	6,7,8,11,17,21,25,27	Enhance krb5 client	CPU,PSU
JDK-8387235	11,17,21,25,27	JShell tests failing	CPU,PSU
JDK-8387238	6,7,8,11,17,21,25,27	Enhance Kerberos validation	CPU,PSU
JDK-8388214	6,7,8,11,17,21,25,27	(tz) Update Timezone Data to 2026c	CPU,PSU
JDK-8390380	8,11,17,21,25,27	Cherry-pick metazone changes from CLDR to support tzdata2026c for JDK update releases	CPU,PSU
JDK-8390388	8,11,17,21,25	Cherry-pick tz attributes from newer CLDR data for jdk25u and earlier	CPU,PSU
JDK-8390400	11,17,21,25,27	Enhance C2 comparisons	CPU,PSU
JDK-8391256	8,11,17,21,25,27	TestZoneTextPrinterParser.java assertion fails with expected: <Mountain Standard Time> but was: <Mountain Daylight Time>	CPU,PSU
JDK-8391807	11,17,21	Inconsistent TimeZone Names Displayed across JDK release trains	CPU,PSU
JDK-8392072	6,7,8,11,17,21,25	Follow-on fix for Improve certification checking	CPU,PSU
JDK-8392377	6,7,8,11,17,21,25,27	(tz) Update Timezone Data to 2026d	CPU,PSU
JDK-8392519	8,11,17,21,25,27	Cherry-pick metazone changes from CLDR for tzdata2026d, for JDK update release	CPU,PSU
JDK-8392526	25,27	Cherry-pick BCP 47 time zone changes from CLDR for tzdata2026d, for JDK update releases	CPU,PSU
JDK-8392538	6,7,8,11,17,21,25,27	Align the JDK with Microsoft's new timezone names for British Columbia/Alberta	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8393337	6,7,8,11,17,21,25,27	(tz) Update Timezone Data to 2026e	CPU,PSU
JDK-8393344	8,11,17,21,25,27	Cherry-pick metazone changes from CLDR to support tzdata2026e for JDK update releases	CPU,PSU
JDK-8393848	6,7,8,11,17,21,25,27	Align the JDK with Microsoft's new timezone name for Manitoba	CPU,PSU
JDK-8394265	11,17,21	[21u] Add explicit zone offset test for America/Rainy_River	CPU,PSU
JDK-8394772	11,17	[17u] Update tzmappings.override location after JDK-8343788 backport	CPU,PSU
JDK-6626492	17	Event time in future part 2, now on X	PSU
JDK-7067310	17,21,25	3 tests from closed/javax/sound/sampled caused BSOD on win 7 x86	PSU
JDK-8023814	17	Test java/awt/im/memoryleak/InputContextMemoryLeakTest.java fails	PSU
JDK-8129778	17	Few awt test fail for Solaris 11 with RuntimeException	PSU
JDK-8148041	17	Test java/awt/Mouse/TitleBarDoubleClick/TitleBarDoubleClick fails on Ubuntu with mouseReleased event after double click on title bar	PSU
JDK-8164464	17	Consistent failure of java/awt/dnd/MissingEventsOnModalDialog/MissingEventsOnModalDialogTest.java	PSU
JDK-8168388	17	GetMousePositionTest fails with the message "Mouse position should not be null"	PSU
JDK-8189441	17,21	Define algorithm names for keys derived from KeyAgreement	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8194630	8	GSS: Uninitialized cb initiator_address when using channel binding with native kerberos	PSU
JDK-8194946	17	Regression automated Test 'javax/swing/JFileChooser/6738668/bug6738668.java' fails	PSU
JDK-8196018	17	java/awt/Scrollbar/ScrollbarMouseWheelTest/ScrollbarMouseWheelTest.java fails	PSU
JDK-8196367	17	java/awt/List/SingleModeDeselect/SingleModeDeselect.java times out	PSU
JDK-8196440	17	Regression automated Test 'java/awt/TrayIcon/PopupMenuLeakTest/PopupMenuLeakTest.java' fails	PSU
JDK-8202932	17	java/awt/Component/NativeInLightShow/NativeInLightShow.java fails	PSU
JDK-8213120	17	java/awt/TextArea/AutoScrollOnSelectAndAppend/AutoScrollOnSelectAndAppend.java fails on mac10.13	PSU
JDK-8213530	17	Test java/awt/Modal/ToFront/DialogToFrontModeless1Test.java fails on Linux	PSU
JDK-8247690	21,25	RunTest does not support running of JTREG manual tests	PSU
JDK-8250839	8	Improve test template SSLEngineTemplate with SSLContextTemplate	PSU
JDK-8252250	8	isnanf is obsolete	PSU
JDK-8254871	11	Remove unnecessary string copy in NetworkInterface.c	PSU
JDK-8259662	8	Don’t wrap SocketExceptions into SSLExceptions in SSLSocketImpl	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8265192	11	[macos_aarch64] configure script fails if GNU uname in PATH	PSU
JDK-8267617	11,17	Certificate's IP x509 NameConstraints raises ArrayIndexOutOfBoundsException	PSU
JDK-8269029	8	compiler/codegen/TestCharVect2.java fails for client VMs	PSU
JDK-8275047	17	Optimize existing fill stubs for AVX-512 target	PSU
JDK-8275914	17	SHA3: changing java implementation to help C2 create high-performance code	PSU
JDK-8277444	11	Data race between JvmtiClassFileReconstituter::copy_bytecodes and class linking	PSU
JDK-8278102	17	containers/docker/TestJcmd.java failed with "RuntimeException: Could not find specified process"	PSU
JDK-8279800	17	isAssignableFrom checks in AlgorithmParametersSpi.engineGetParameterSpec appear to be backwards	PSU
JDK-8279954	17	java/lang/StringBuffer(StringBuilder)/HugeCapacity.java intermittently fails	PSU
JDK-8280404	17	Unexpected exception thrown when CEN file entry comment length is not valid	PSU
JDK-8282633	17	jarsigner output does not explain why an EC key is disabled if its curve has been disabled	PSU
JDK-8283562	11	JDK-8282306 breaks gtests on zero	PSU
JDK-8284813	17	x86 Code cleanup related to move instructions.	PSU
JDK-8284965	17	closed test sun/java2d/OpenGL/XORPaint.java is unstable	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8285630	11	Fix a configure error in RISC-V cross build	PSU
JDK-8286300	27	Port JEP 425 to S390X	PSU
JDK-8286737	17	Test vmTestbase/gc/gctests/WeakReference/weak006/weak006.java fails: Last soft reference has not been cleared	PSU
JDK-8290368	8,11	Introduce LDAP and RMI protocol-specific object factory filters to JNDI implementation	PSU
JDK-8295698	17	AArch64: test/jdk/sun/security/ec/ed/EdDSATest.java failed with -XX:+UseSHA3Intrinsics	PSU
JDK-8296405	17	java/util/concurrent/forkjoin/AsyncShutdownNow.java is too slow	PSU
JDK-8296910	17	Add EdDSA/XDH/RSASSA-PSS to KeyPairGeneratorBench.java	PSU
JDK-8298387	17,21	Implement JEP 497: Quantum-Resistant Module-Lattice-Based Digital Signature Algorithm	PSU
JDK-8298390	17,21	Implement JEP 496: Quantum-Resistant Module-Lattice-Based Key Encapsulation Mechanism	PSU
JDK-8298730	8	Refactor subsystem_file_line_contents and add docs and tests	PSU
JDK-8300399	17	EdDSA does not verify when there is no message	PSU
JDK-8300805	11,17	Update autoconf build-aux files with latest from 2022-09-17	PSU
JDK-8301793	17	AlgorithmId should not encode a missing parameters field as NULL unless hardcoded	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8303136	17	MemoryPoolMBean/isCollectionUsageThresholdExceeded/isexceeded005 failed with "isCollectionUsageThresholdExceeded() returned true, while threshold = 1 and used = 0"	PSU
JDK-8303215	8	Make thread stacks not use huge pages	PSU
JDK-8304701	17	Request with timeout aborts later in-flight request on HTTP/1.1 cxn	PSU
JDK-8305481	11	gtest is_first_C_frame failing on ARM	PSU
JDK-8305714	17	Add an extra test for JDK-8292755	PSU
JDK-8305780	17	javax/swing/JTable/7068740/bug7068740.java fails on Ubunutu 20.04	PSU
JDK-8306281	21	function isWsl() returns false on WSL2	PSU
JDK-8307574	17,21,25	ClipIsRunningAfterStop.java failed with "../nptl/pthread_mutex_lock.c:81: *pthread_mutex_lock: Assertion* `*mutex*data.__owner == 0' failed."	PSU
JDK-8308395	17,21,25	javax/sound/sampled/Clip/ClipFlushCrash.java timed out	PSU
JDK-8308474	17	DSA does not reset SecureRandom when initSign is called again	PSU
JDK-8310331	17,21	JitTester: Exclude java.lang.Math.random	PSU
JDK-8310687	11	JDK-8303215 is incomplete	PSU
JDK-8312182	11	THPs cause huge RSS due to thread start timing issue	PSU
JDK-8312585	11	Rename DisableTHPStackMitigation flag to THPStackMitigation	PSU
JDK-8313083	8	Print 'rss' and 'cache' as part of the container information	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8313612	17	Use JUnit in lib-test/jdk tests	PSU
JDK-8314139	11	TEST_BUG: runtime/os/THPsInThreadStackPreventionTest.java could fail on machine with large number of cores	PSU
JDK-8314323	25	Implement JEP 527: TLS 1.3 Hybrid Key Exchange	PSU
JDK-8318662	17	Refactor some jdk/java/net/httpclient/http2 tests to JUnit	PSU
JDK-8320192	17	SHAKE256 does not work correctly if n >= 137	PSU
JDK-8325506	17	Ensure randomness is only read from provided SecureRandom object	PSU
JDK-8331159	21	VM build without C2 fails after JDK-8180450	PSU
JDK-8333754	17	Add a Test against ECDSA and ECDH NIST Test vector	PSU
JDK-8333857	17	Test sun/security/ssl/SSLSessionImpl/ResumeChecksServer.java failed: Existing session was used	PSU
JDK-8333867	17,21	SHA3 performance can be improved	PSU
JDK-8334502	17,21	gtest/GTestWrapper.java fails on armhf due to LogDecorations.iso8601_utctime_test	PSU
JDK-8335163	27	[s390x] test failure - PrintClasses.java	PSU
JDK-8338587	17,21	Internal XOF Methods for SHAKE128 and SHAKE256	PSU
JDK-8338686	21	App classpath mismatch if a jar from the Class-Path attribute is on the classpath	PSU
JDK-8340327	17,21	A common framework to support public key algorithms with standard parameter sets	PSU
JDK-8340493	17,21	Fix some Asserts failure messages	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8341382	25	EXCEPTION_ACCESS_VIOLATION in awt.dll after JDK-8185862	PSU
JDK-8341527	21	AVX-512 intrinsic for SHA3	PSU
JDK-8342002	17,21	sun/security/tools/keytool/GenKeyPairSigner.java failed due to missing certificate output	PSU
JDK-8342003	17,21	ProblemList sun/security/tools/keytool/GenKeyPairSigner.java	PSU
JDK-8342442	17,21	Static ACVP sample tests	PSU
JDK-8343232	25	PKCS#12 KeyStore support for RFC 9879: Use of Password-Based Message Authentication Code 1 (PBMAC1)	PSU
JDK-8343342	17	java/io/File/GetXSpace.java fails on Windows with CD-ROM drive	PSU
JDK-8343698	21	Linux x86_64 lto build gives a lot of warnings and fails lto-wrapper: fatal error: make returned 2 exit status	PSU
JDK-8343739	17,21	Test java/awt/event/KeyEvent/ExtendedKeyCode/ExtendedKeyCodeTest.java failed: Wrong extended key code	PSU
JDK-8345057	17,21	ML_KEM NamedParameterSpec constants removed by ML-DSA integration	PSU
JDK-8345149	8	[8u] javax/sound/midi/Soundbanks/GetSoundBankSecurityException/GetSoundBankSecurityException.java fails with FileSystemException	PSU
JDK-8345512	17,21	Remove wrapper functions for intrinsics in PQC algorithms	PSU
JDK-8345533	17,21	Switch ML-DSA implementation to FIPS 204 final	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8345684	17	OperatingSystemMXBean.getSystemCpuLoad() throws NPE	PSU
JDK-8346683	17	Problem list automated tests that fail on macOS15	PSU
JDK-8347007	25	--strip-debug removes parameter names included with -parameters	PSU
JDK-8347129	8	cpuset cgroups controller is required for no good reason	PSU
JDK-8347606	17,21	Optimize Java implementation of ML-DSA	PSU
JDK-8347608	17,21	Optimize Java implementation of ML-KEM	PSU
JDK-8347811	8	Container detection code for cgroups v2 should use cgroup.controllers	PSU
JDK-8347901	25	C2 should remove unused leaf / pure runtime calls	PSU
JDK-8347938	17,21	Add Support for the Latest ML-KEM and ML-DSA Private Key Encodings	PSU
JDK-8348309	17	MultiNST tests need more debugging and timing	PSU
JDK-8348561	17,21	Add aarch64 intrinsics for ML-DSA	PSU
JDK-8348862	25	runtime/ErrorHandling/CreateCoredumpOnCrash fails on Windows aarch64	PSU
JDK-8349017	17,21	Update ML tests to verify against ACVP 1.1.0.38 version	PSU
JDK-8349535	25	Refactor ./pkcs11/Provider/MultipleLogins.sh to java test	PSU
JDK-8349721	17,21	Add aarch64 intrinsics for ML-KEM	PSU
JDK-8349759	17,21	Add unit test for CertificateBuilder and SimpleOCSPServer test utilities	PSU
JDK-8349959	17	Test CR6740048.java passes unexpectedly missing CR6740048.xsd	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8349988	8	Change cgroup version detection logic to not depend on /proc/cgroups	PSU
JDK-8350589	17,21	Investigate cleaner implementation of AArch64 ML-DSA intrinsic introduced in JDK-8348561	PSU
JDK-8351034	21	Add AVX-512 intrinsics for ML-DSA	PSU
JDK-8351412	21	Add AVX-512 intrinsics for ML-KEM	PSU
JDK-8351842	25	Windows specific issues in combination of JEP 493 and --with-external-symbols-in-bundles=public	PSU
JDK-8352149	17	Test java/awt/Frame/MultiScreenTest.java fails: Window list is empty	PSU
JDK-8352565	25	Add native method implementation of Reference.get()	PSU
JDK-8352728	25	InternalError loading java.security due to Windows parent folder permissions	PSU
JDK-8353478	17,21	Update crypto microbenchmarks to cover ML-DSA, ML-KEM, and HSS algorithms	PSU
JDK-8354242	25	VectorAPI: combine vector not operation with compare	PSU
JDK-8354305	17,21	SHAKE128 and SHAKE256 MessageDigest algorithms	PSU
JDK-8354878	8	File Leak in CgroupSubsystemFactory::determine_type of cgroupSubsystem_linux.cpp:300	PSU
JDK-8354926	17,21	Remove remnants of debugging in the fix for JDK-8348561 and JDK-8349721	PSU
JDK-8355241	17	Move NativeDialogToFrontBackTest.java PL test to manual category	PSU
JDK-8356051	17,21	Update SignatureUtil.java with the new KnownOIDs	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8356085	21	AArch64: compiler stub buffer size wrongly depends on ZGC	PSU
JDK-8356289	25	Shenandoah: Clean up SATB barrier runtime entry points	PSU
JDK-8356695	17	java/lang/StringBuilder/HugeCapacity.java failing with OOME	PSU
JDK-8357220	25	Introduce a BSMAttributeEntry struct	PSU
JDK-8359735	11,17,21	[Ubuntu 25.10] java/lang/ProcessBuilder/Basic.java, java/lang/ProcessHandle/InfoTest.java fail due to rust-coreutils	PSU
JDK-8360116	25	Add support for AVX10 floating point minmax instruction	PSU
JDK-8360395	17	sun/security/tools/keytool/i18n.java user country is current user location instead of the language	PSU
JDK-8360562	17	sun/security/tools/keytool/i18n.java add an ability to add comment for failures	PSU
JDK-8360595	25	OOM in java/foreign/TestUpcallStress.java	PSU
JDK-8360934	25	Add AVX-512 intrinsics for ML-KEM - enhancement on AVX512_VBMI	PSU
JDK-8361125	17,21,25	Fix typo in onTradAbsence	PSU
JDK-8361894	17	sun/security/krb5/config/native/TestDynamicStore.java ensure that the test is run with sudo	PSU
JDK-8361950	21	Update to use jtreg 8	PSU
JDK-8362884	25	[GCC static analyzer] unix NetworkInterface.c addif leak on early returns	PSU
JDK-8362894	25	PKCS12 KeyStore PBMAC1 interoperability testing	PSU
JDK-8364106	21,25	Include java.runtime.version in thread dump output	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8364305	25	Support AVX10 saturating floating point conversion instructions	PSU
JDK-8365153	25	AArch64: Set JVM flags for Neoverse N3 and V3 cores	PSU
JDK-8365199	25	Use a set instead of a list as the intermediary Klass* storage to reduce typeset processing	PSU
JDK-8365398	17	TEST_BUG: java/rmi/transport/checkLeaseInfoLeak/CheckLeaseLeak.java failing intermittently	PSU
JDK-8365426	17,21,25	[macos26] Graphics2D tests fail on new macOS 26	PSU
JDK-8365498	17,21,25	jdk/jfr/event/os/TestCPULoad.java fails with Expected at least one event	PSU
JDK-8365579	25	ml64.exe is not the right assembler for Windows aarch64	PSU
JDK-8365861	17	test/jdk/sun/security/pkcs11/Provider/ tests skipped without SkippedException	PSU
JDK-8365863	17	/test/jdk/sun/security/pkcs11/Cipher tests skip without SkippedException	PSU
JDK-8365893	25	test/jdk/java/lang/Thread/virtual/JfrEvents.java failing intermittently	PSU
JDK-8365983	17	Tests should throw SkippedException when SCTP not supported	PSU
JDK-8366037	25	Remove oopDesc::mark_addr()	PSU
JDK-8366182	17	Some PKCS11Tests are being skipped when they shouldn't	PSU
JDK-8366926	25	Unexpected exception occurs when executing code in a "local" JShell environment	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8367008	21,25	Algorithm identifiers for HmacSHA* should always have NULL as params	PSU
JDK-8367096	17	jdk/open/test/jdk/sun/security/pkcs11/ rsa, ec, config, secmod and sslecc tests are skipping but showing as pass	PSU
JDK-8367656	25	Refactor Constantpool's operand array into two	PSU
JDK-8368073	25	PKCS11 HKDF can't use byte array IKM in FIPS mode	PSU
JDK-8368514	25	TLS stateless session ticket decryption fails on some providers	PSU
JDK-8368520	25	TLS 1.3 KeyUpdate fails with SunPKCS11 provider	PSU
JDK-8368677	17,21	acvp test should throw SkippedException when no ACVP-Server available	PSU
JDK-8368694	17,21,25	PKCS11-NSS generic keys generated by DH have leading zeroes stripped	PSU
JDK-8368861	25	[TEST] compiler/floatingpoint/ScalarFPtoIntCastTest.java expects x86 IR on non-x86 platforms	PSU
JDK-8369020	21,25	Test compiler/intrinsics/TestLongUnsignedDivMod.java completed and timed out	PSU
JDK-8369032	8	Add test to ensure serialized ICC_Profile stores only necessary optional data	PSU
JDK-8369447	25	GenShen: Regulator thread may observe inconsistent states	PSU
JDK-8369488	21,25	Update to use jtreg 8.1	PSU
JDK-8370653	25	Fix race in CompressedClassSpaceSizeInJmapHeap.java	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8371893	21	[macOS] use dead_strip linker option to reduce binary size	PSU
JDK-8371949	25	Upcall exception handler crashes with bad oop	PSU
JDK-8372044	25	Implementation Review Based on ML-KEM Security Considerations	PSU
JDK-8372154	25	AArch64: Match rule failure with some CompareAndSwap operand shapes	PSU
JDK-8372546	17,21,25	UnixMultiResolutionSplashTest.java fails intermittently on Ubuntu_24.04	PSU
JDK-8372584	25	[Linux]: Replace reading proc to get thread user CPU time with clock_gettime	PSU
JDK-8372615	21,25	Many container tests fail when running rootless on cgroup v1	PSU
JDK-8372625	25	[Linux] Remove unnecessary logic for supports_fast_thread_cpu_time	PSU
JDK-8372731	25	Detailed authentication failure messages	PSU
JDK-8372757	17,21,25	MacOS, Accessibility: Crash in [MenuAccessibility accessibilityChildren] after JDK-8341311	PSU
JDK-8373246	25	JDK-8351842 broke native debugging on Linux	PSU
JDK-8373557	25	Remove stale comments after JDK-8372584	PSU
JDK-8373632	17	Some sound tests failing in CI due to lack of sound key	PSU
JDK-8373793	17	TestDynamicStore.java '/manual' disables use of '/timeout'	PSU
JDK-8373796	17	Refactor java/net/httpclient/ThrowingPublishers*.java tests to use JUnit5	PSU
JDK-8373820	25	C2: Robust Node::uncast_helper infinite loop check	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8373832	17	Test java/lang/invoke/TestVHInvokerCaching.java tests nothing	PSU
JDK-8373866	17	Refactor java/net/httpclient/ThrowingSubscribers*.java tests to use JUnit5	PSU
JDK-8374343	21	Fix SIGSEGV when lib/modules is unreadable	PSU
JDK-8374452	17	[17u] TestUseSHA512IntrinsicsOptionOnUnsupportedCPU failed with java.lang.AssertionError	PSU
JDK-8374755	17,21,25	ML-KEM's 12-bit decompression can be simplified on aarch64	PSU
JDK-8374886	17,21,25	CAInterop.java#microsoftrsa2017 test fails as EE certificate does not specify OCSP responder	PSU
JDK-8375125	17,21,25	assert(false) failed: "Attempting to acquire lock NativeHeapTrimmer_lock/nosafepoint out of order with lock ConcurrentHashTableResize_lock/nosafepoint-2 — possible deadlock" when using native heap trimmer	PSU
JDK-8375275	25	Error handling to raise illegal_parameter or internal_error alert in hybrid key exchange	PSU
JDK-8375294	21	(fs) Files.copy can fail with EOPNOTSUPP when copy_file_range not supported	PSU
JDK-8375352	25	java/net/httpclient/ConnectTimeoutWithProxy*.java tests fail on EC2	PSU
JDK-8375571	25	Compiler crash when using record pattern matching with a generic type parameter shadowing a record class	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8376151	17	Test javax/swing/JFileChooser/4966171/bug4966171.java is failing with OOME	PSU
JDK-8376355	21,25	Update to use jtreg 8.2.1	PSU
JDK-8376400	25	C2: folding ifs may cause incorrect execution when trap is taken	PSU
JDK-8376472	25	Shenandoah: Assembler store barriers read destination memory despite the decorators	PSU
JDK-8377034	27	Enable full JSR166TestCase.java test for s390x	PSU
JDK-8377347	17	jdk/jfr/event/gc/detailed/TestZAllocationStallEvent.java intermittent OOME	PSU
JDK-8377990	25	Zero: Replace Java math ops with UB-safe implementations	PSU
JDK-8377991	17,21,25	TestLimitsUpdating.java fails with runtime exception even after JDK-8370492 is fixed	PSU
JDK-8378080	25	Zero: JNIEnv argument is corrupted in native calls	PSU
JDK-8378180	11,17,21,25	Compiling OpenJDK with C23 C-Compiler gives warning: initialization discards ‘const’ qualifier from pointer target type	PSU
JDK-8378211	25	Test ChangedJarFile.java failed: missing "timestamp has changed"	PSU
JDK-8378462	25	Build fails with --enable-linktime-gc set when using some devkits/toolchains	PSU
JDK-8378506	17,21,25	[macOS] Window content not updated when rendering to multiple windows	PSU
JDK-8378713	25	C2: performance regression due to missing constant folding for Math.pow()	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8378838	25	Fix issues with "dead" code elimination and serviceability agent in libjvm.so on Linux	PSU
JDK-8378878	17	Refactor java/nio/channels/AsynchronousSocketChannel test to use JUnit	PSU
JDK-8378946	25	threadDump.schema.json syntax error, missing comma after owner	PSU
JDK-8379129	25	C2 crash in LoadNode::can_split_through_phi_base during Escape Analysis (JDK 25.0.1+8)	PSU
JDK-8379433	25	Throwing proper exception for invalid encapsulation length in Hybrid	PSU
JDK-8379515	17,21	draft-ietf-lamps-kyber-certificates is now RFC 9935	PSU
JDK-8379516	25	Adjust JVM debug helper exports	PSU
JDK-8380011	17	Path-to-gcroots search should not trigger stack overflows	PSU
JDK-8380035	27	compiler/intrinsics/TestReturnOopSetForJFRWriteCheckpoint.java crashes on s390x	PSU
JDK-8380390	25	Shenandoah: Missing store barrier when resetting bitmaps	PSU
JDK-8380641	25	Thread dump parsing and test improvements	PSU
JDK-8380896	25	Reduce runtime for MonitorVmStartTerminate.java on hosts with a lot of VMs	PSU
JDK-8380993	11,17,21,25,27	[REDO] Incorrect Interpretation of POSIX TZ Environment Variable on AIX	PSU
JDK-8381771	17,21,25	Add a check for DNS label not to end with a hyphen	PSU
JDK-8381840	25	Lots of /tmp/8173970-<number> folders on test machines	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8381937	17,21	Make exceptions in Java_sun_security_mscapi_CKeyPairGenerator generateCKeyPair more specific	PSU
JDK-8382063	21,25	Jtreg test javax/swing/SwingWorker/TestDoneBeforeDoInBackground.java fails	PSU
JDK-8382150	25	Shenandoah: Clean up nmethod entry barrier support	PSU
JDK-8382166	25	[AOT Cache] CRC was not checked on Code Region	PSU
JDK-8382222	25	sun/security/ssl/SSLSocketImpl/SSLSocketBruteForceClose.java fails sporadically	PSU
JDK-8382407	8,11,17,21,25,27	Enhance LDAP Lookups	PSU
JDK-8382608	25	Shenandoah: STS yield deadlocks in OOM-evac scope	PSU
JDK-8382815	25	C2: Reference intrinsics are broken by shadow "referent" field	PSU
JDK-8382933	25	Improve Shenandoah clone barrier tests	PSU
JDK-8383196	25	Shenandoah: Interpreter barriers clobber interpreter registers	PSU
JDK-8383281	8,11,17,21,25,27	Enhance MD5 Digesting	PSU
JDK-8383530	21,25,27	Enhance Javadoc Searching	PSU
JDK-8383611	21,25	assert(count == os::processor_count() + 1) failed: invalid enumeration!	PSU
JDK-8383642	25	Additional Shenandoah clone barrier tests	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8383910	25	klass_or_null_acquire asserts on null when using compact object headers	PSU
JDK-8384161	25	[PPC64] Consolidate code related to calls in nmethods that use trampoline stubs	PSU
JDK-8384163	21	(so) SocketChannel.connect and finishConnect() exception messages could be improved	PSU
JDK-8384274	25	Shenandoah: GC checks in C1 LRB clobber fastpath result	PSU
JDK-8384412	17,21,25	[CRaC] Customizable error message on CPU features check failure	PSU
JDK-8384455	8,11,17,21,25,27	Enhance DataFlavor	PSU
JDK-8384468	17,21,25,27	Enhance jpackage Packaging	PSU
JDK-8384804	21,25	JMX remote bootstrap tests fail on Windows	PSU
JDK-8384902	8	Update GIFlib to 6.1.3	PSU
JDK-8385165	25	[ubsan] TestDockerMemoryMetricsSubgroup.java jtreg test fails with ubsan-enabled binaries	PSU
JDK-8385166	25	PPC: C2: c_return_value and return_value should not set 2nd OptoRegPair for Op_RegI	PSU
JDK-8385180	25	Shenandoah: Load klass once in marking task	PSU
JDK-8385359	17,21,25,27	[CRaC] aarch64: c7g.medium <⍰ c8g.medium FAIL: vector length	PSU
JDK-8385454	21,25,27	Provide more NUMA related information in hsinfo/hserr files	PSU
JDK-8385507	25	Bump update version for OpenJDK: jdk-25.0.5	PSU
JDK-8385508	21	Bump update version for OpenJDK: jdk-21.0.13	PSU
JDK-8385509	17	Bump update version for OpenJDK: jdk-17.0.21	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8385584	17,21,25	CAInterop.java#buypassclass3ca fails with Intermediate Root CA not found in the chain	PSU
JDK-8385817	25,27	Headless jdk still contains bin/jconsole	PSU
JDK-8386013	8,11,17,21,25,27	Enhance EventListenerList	PSU
JDK-8386033	27	Enhance QUIC connections	PSU
JDK-8386089	27	Bump update version for OpenJDK: jdk27u to 27.0.1	PSU
JDK-8386273	17,21,25	Some javax/sound/sampled tests fail on systems with high CPU core number and running with high concurrency	PSU
JDK-8386275	8	Bump update version of OpenJDK: 8u512	PSU
JDK-8386277	11	Bump update version of OpenJDK: 11.0.33	PSU
JDK-8386345	21,25	Remove redundant @requires from TestGarbageCollectionEventWithZMinor	PSU
JDK-8386578	21,25	double_keccak stub does not set its return value on x86	PSU
JDK-8386600	25	Fix comparison checks in DHasKEM	PSU
JDK-8386776	17	[17u] Test test/langtools/jdk/jshell/UndefinedClassTest.java fails on JDK 17 with java.lang.ThreadDeath	PSU
JDK-8386798	25	Shenandoah: Missing load barrier when making assertions about mark bitmap	PSU
JDK-8386852	25,27	Lower peak throughput with AOTCache	PSU
JDK-8386991	11,17	Insets are incorrectly set in newer Gnome versions	PSU
JDK-8387015	25	C2: crash with "named projection 2 not found" from ArrayCopyNode::finish_transform() for clone	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8387074	25	Remove duplicate handling of sparc in platform.m4	PSU
JDK-8387084	17,21,25	[CRaC] Fixup docs of bundled engines	PSU
JDK-8387124	25	Incomplete algorithm decomposition for TLS 1.3 cipher suites in SSLAlgorithmDecomposer	PSU
JDK-8387381	25	RISC-V: assert failed with fastdebug build on systems with different core types	PSU
JDK-8387391	25	hotspot_gc_shenandoah should include gtests	PSU
JDK-8387414	25	Insufficient feature gate in vm_version_x86 for UseKyberIntrinsics	PSU
JDK-8387593	21,25	Using XOR mode to clear the content leaves some traces in metal	PSU
JDK-8387625	17,21,25	Add "dt_socket" to `CheckedFeatures.notImplemented` for Windows/ARM64	PSU
JDK-8387874	25	Timeout when running test BulkCipherDisabledAlgorithms	PSU
JDK-8387985	21,25,27	sun/tools/jstat shell tests fail on platforms that do not support ParallelGC	PSU
JDK-8388080	27	Increase static size of some stubs for APX code	PSU
JDK-8388117	27	[s390x] is_z_illtrap should recognise all forms	PSU
JDK-8388142	8	[8u] Path to PreferredKey.java exclusion is wrong	PSU
JDK-8388144	17,21,25	[CRaC] CRIU fails to restore jdk/crac/SecureRandom/InterlockTest	PSU
JDK-8388284	27	[s390] resolve_jobject uses wrong branch condition after tmll	PSU
JDK-8388431	21	[21u] Backport of JDK-8352565 misses previous vm symbol to be deleted	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8388449	25	GenShen: Degenerated cycle could be skipped	PSU
JDK-8388538	25	com/sun/net/httpserver/simpleserver/jwebserver/MaxRequestTimeTest.java does not test the maximum request time	PSU
JDK-8388703	25	Launching with AOT cache fatally crashes with SIGILL (0x4) depending on available CPU instructions	PSU
JDK-8388809	25	Shenandoah: Control thread may observe incorrect cancellation reason	PSU
JDK-8388866	27	Change milestone to fcs for all releases	PSU
JDK-8388872	25	Avoid unused variables warnings in libj2pkcs11	PSU
JDK-8389312	25	RISC-V: vector_update_crc32 wrongly assumes undisturbed tail elements	PSU
JDK-8389453	25	[unix] Avoid unused variables warnings in libj2pkcs11 and adjust malloc rv handling	PSU
JDK-8389492	17,21	[21u] java/io/Serializable/records/ProhibitedMethods.java fails after JDK-8307843 backport in othervm mode	PSU
JDK-8389648	17,21,25	[TEST_BUG] java/awt/TextField/CaretPositionTest/CaretPositionTest.java fails in OL-9	PSU
JDK-8389703	17,21,25,27	[CRaC] jdk/crac/SecureRandom/InterlockTest timeout on windows-x64 in GitHub CI	PSU
JDK-8389720	17,21,25	[CRaC] criuengine can't move out of JVM process hierarchy	PSU
JDK-8389721	17,21,25	[CRaC] ConcurrentModificationException in LinuxWatchService	PSU
JDK-8389955	17,21,25	[CRaC] Off-by-one errors in criuengine	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8389958	17,21,25	[CRaC] Exception when closing or ignoring pipes via resource policy	PSU
JDK-8389961	17,21,25	[CRaC] FdsInfo::same_fd calls unspecified fcntl operations	PSU
JDK-8389965	17,21,25	[CRaC] Cleanup CRaC code	PSU
JDK-8390033	25	Disable stringop-overflow in shenandoahHeap.cpp	PSU
JDK-8390325	17	[17u] test/jdk/sun/security/x509/GeneralName/DNSNameTest.java fails to compile in Java 17 after JDK-8381771 backport	PSU
JDK-8390327	17	[17u] test/jdk/java/net/httpclient/lib/jdk/httpclient/test/lib/common/HttpServerAdapters.java fails to compile in Java 17 after JDK-8343855 backport	PSU
JDK-8390441	25	RISC-V: Fix C2 stack-to-stack spill copies with large offsets	PSU
JDK-8390453	17,21,25,27	[CRaC] Custom image constraints	PSU
JDK-8390529	17,21,25,27	[CRaC] Treat local JARs opened via URL as persistent	PSU
JDK-8390654	25	Test gc/TestUseGCOverheadLimit.java#G1 fails on linux-arm32	PSU
JDK-8390766	17,21,25	[CRaC] Improve restore error logging	PSU
JDK-8391859	17,21,25,27	[CRaC] Test repeated checkpoint	PSU
JDK-8391953	17,21,25,27	[CRaC] crlib_bitmap_comparison_t enum values have no unique prefix	PSU
JDK-8391957	27	[CRaC] Record restore-related metrics	PSU
JDK-8393679	17,21,25,27	[CRaC] Clear restore data after use	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8394845	17	[17u] Remove designator DEFAULT_PROMOTED_VERSION_PRE=ea for release 17.0.21	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
JDK-8380556	8,11,17,21,25,27	Update WebKit to 625.1	CPU,PSU
JDK-8384522	8,11,17,21,25	Update libxml2 to 2.15.3	CPU,PSU
JDK-8384760	8,11,17,21,25,27	Update libxml2 to 2.15.3 or newer	CPU,PSU
JDK-8385198	8,11,17,21,25,27	Enhance JavaFX Resource Loading	CPU,PSU
JDK-8385281	8,11,17,21,25,27	Update GStreamer to 1.28.3 or newer	CPU,PSU
JDK-8386486	8,11,17,21,25,27	Improve graphics rendering	CPU,PSU
JDK-8388020	8,11,17,21,25,27	Upgrade to Webkit 625.1	CPU,PSU
JDK-8388451	8,11,17,21,25,27	Additional WebKit 625.1 fixes from WebKitGTK 2.52.5	CPU,PSU
JDK-8389176	25,27	Enhance JavaFX image handling	CPU,PSU
JDK-8390652	8,11,17,21,25,27	Additional WebKit 625.1 fixes from WebKitGTK 2.52.6	CPU,PSU
JDK-8391652	25,27	Snapshot test failures after JDK-8389176	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8328629	21	JUnit test without a timeout value can hang indefinitely	PSU
JDK-8340564	25	[macOS] Intermittent build failure in native font with parallel compilation	PSU
JDK-8350284	21	WebKit 620.1 crashes on startup on Windows x86 32-bit	PSU
JDK-8360586	25	JavaFX build uses deprecated features that will be removed in gradle 9	PSU
JDK-8379561	8,11,17,21,25	Remove UNICODE related code from GLib	PSU
JDK-8383209	8,11,17,21,25,27	Improve JavaFX Scripting Support	PSU
JDK-8383219	8,11,17,21,25,27	Enhance JavaFX Document Loading	PSU
JDK-8383229	8,11,17,21,25,27	Enhance JavaFX Image Loading	PSU
JDK-8383252	8,11,17,21,25,27	Enhance JavaFX DnD	PSU
JDK-8383312	25,27	Enhance JavaFX CSS Handling	PSU
JDK-8383322	8,11,17,21,25,27	Enhance JavaFX Clipboard	PSU
JDK-8383332	11,17,21,25,27	Improve JavaFX Input Methods	PSU
JDK-8383333	8,11,17,21,25,27	Improve JavaFX Drag and Drop	PSU
JDK-8383356	25,27	Improve JavaFX Rich Text Formatting	PSU
JDK-8384809	25	Update GStreamer to 1.28.3	PSU
JDK-8386859	8,11,17,21,25,27	WebView crashes when calling document.startViewTransition()	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8387337	25	GlassClipboard: Replace deprecated hash_map and hash_set	PSU
JDK-8388409	27	Change JavaFX release version to 27.0.1 in jfx27u	PSU
JDK-8388783	8,11,17,21,25, 27	Custom String data cannot be read from the clipboard after JDK-8383252	PSU
JDK-8389515	8,11,17,21,25	Memory leak in dshowwrapper - decoded buffers delivered by CSink are never unmapped	PSU
JDK-8389761	27	Update Unicode Data Files license file to 17.0.0	PSU
JDK-8389783	8,11,17,21,25	Crash in JavaFX native glass toolkit during Timer shutdown	PSU
JDK-8390084	25	Change JavaFX release version to 25.0.5 in jfx25u	PSU
JDK-8390263	27	Create release notes for JavaFX 27	PSU
JDK-8391823	8,11,17,21,27	Intermittent WebView crash when running TextureMapperTest	PSU

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-95586	11	[test] CertificateBuilder::addNameConstraintsExt is already defined	CPU,PSU
ZULU-96324	11	jdk/jshell/RemoteAgentHandshakeTest::testDefaultAgentUsesNewHandshake fails on Solaris	CPU,PSU
ZULU-96706	17	Update JFX to zulu22.0.10.0.101+100	CPU,PSU
ZULU-96718	11	Update JFX to zulu19.0.16.0.101+100	CPU,PSU
ZULU-96727	25	Update JFX to zulu25.0.4.0.101+100	CPU,PSU
ZULU-96765	8	Update JFX to zulu8u511-b02	CPU,PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-96837	21	Update JFX to zulu23.0.8.0.101+100	CPU,PSU
ZULU-96887	11,17,21	Failed java/lang/SecurityManager/CheckAccessClassInPackagePermissions.java: module java.net.http has not been granted accessClassInPackage.jdk.internal.util	CPU,PSU
ZULU-96911	25	Update JFX to zulu25.0.4.0.101+101	CPU,PSU
ZULU-98474	7	Include jvm.h in attach natives for jio_snprintf	CPU,PSU
ZULU-98484	25	Update PQJSSE for Oct CPU release	CPU,PSU
ZULU-99011	25	Update JFX to zulu25.0.4.0.101+102	CPU,PSU
ZULU-99012	21	Update JFX to zulu23.0.8.0.101+101	CPU,PSU
ZULU-99067	8	Update JFX to zulu8u511-b03	CPU,PSU
ZULU-99070	17	Update JFX to zulu22.0.10.0.101+101	CPU,PSU
ZULU-99076	11	Update JFX to zulu19.0.16.0.101+101	CPU,PSU
AZULJDK-43	27	add Extended GC Logging (-Xlog:ext*) jtreg tests	PSU
AZULJDK-45	27	Additional ReadyNow jtreg tests	PSU
AZULJDK-158	27	fix sysinfo field validation in Test4_3_JcmdWithAlwaysCollect	PSU
ZULU-5106	21	armv7 (Neon): Add intrinsic for GHASH algorithm	PSU
ZULU-61036	17,21,25	Support CPUFeatures also for aarch64	PSU
ZULU-77471	21	Disable ARM32 GHASH intrinsic for CA builds	PSU
ZULU-85909	11,17,21	CI: Failed java/lang/ProcessHandle/InfoTest.java on linux-musl (x64/aarch64)	PSU
ZULU-89211	25	CI: Enable linux-aarch32hf back to zulu25-default dev boms	PSU
ZULU-91759	17,21,25	Extend customizability of auto-checkpoint policy	PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-91760	17,21,25	YAML-like format for auto-checkpoint policy	PSU
ZULU-92308	8	"java.vm.info" can’t be overridden at zulu8	PSU
ZULU-92314	21	Increase a threshold in TimedAcquireLeak	PSU
ZULU-92472	25	CI: Fix PingPong test exclusion	PSU
ZULU-92822	21	Add to Exlude List CI: Failed test java/util/concurrent/locks/Lock/TimedAcquireLeak.java in zulu21-crac	PSU
ZULU-93044	25	CI: Failed test gc/TestUseGCOverheadLimit.java#G1 in zulu25-default	PSU
ZULU-93231	25	Add to Exclude List CI: Failed test compiler/loopopts/superword/TestAlignVectorFuzzer.java#CompileOnly in zulu25-default	PSU
ZULU-93308	17,21,25	Post-review cleanup in AutoCheckpointPolicy	PSU
ZULU-93345	17,21,25	Fixup default auto-checkpoint policy	PSU
ZULU-93456	17,21,25,27	Connect to Starbase & remote checkpoint	PSU
ZULU-93953	17,21,25,27	Integrate latest Warp fixes into Zulu Oct 2026	PSU
ZULU-94118	17,21,25	CI: Failed test compiler/jvmci/JVM_GetJVMCIRuntimeTest.java in zulu26-crac	PSU
ZULU-94514	17,21,25		PSU
ZULU-95429	8,11,17,21,25,27	OOB read issue in FreeType 2.14.3	PSU
ZULU-95511	17	CI: Exclude tests Aug 2026	PSU
ZULU-95619	17,21,25	Autonomous auto-checkpoint fixups	PSU
ZULU-96345	17,21,25,27	Trailing whitespaces and blank lines at EOF in crac-containers test	PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-96579	27	Live metrics	PSU
ZULU-96581	21,25	Fix CRaC tests after JDK-8372615	PSU
ZULU-96589	11,17,21,25,27	Update JLine to version 3.30.16	PSU
ZULU-96798	27	build/CheckFiles.java fails on CRaC builds	PSU
ZULU-96899	11,17,21,25	Update Capstone library to v5.0.9 or higher	PSU
ZULU-97276	11,17,21,25,27	jdk/internal/jline/AbstractWindowsTerminalTest.java and KeyConversionTest.java do not compile after the JLine update to 3.30.16	PSU
ZULU-97345	17,21,25	Exclude tests Sep 2026	PSU
ZULU-98326	17,21,25	Fix deficiencies of previous CPUFeatures backports	PSU
ZULU-98421	17,21,25	CRaC□25: JVMCIError: Missing CPU feature constants: [SVE256]	PSU
ZULU-98429	17,21,25,27	Starbase code is missing includes	PSU
ZULU-98797	25	Update PQJSSE for Oct PSU release	PSU
ZULU-99037	27	Update JFX to zulu27.0.1+101	PSU
ZULU-99400	17,21,25,27	Integrate latest CRIU fixes into Zulu Oct 2026	PSU
ZULU-99467	27	Starbase mutex is not initialized	PSU
ZULU-99577	27	ToolTabSnippetTest.testAnnotation fails after JLine 3.30.16 upgrade (ZULU-96589)	PSU
ZULU-99740	21,25,27	[CRaC] zulu21: error: 'MutexLocker' was not declared in this scope	PSU
ZULU-99741	17,21	[CRaC] 21+17: Fix CPUInfoTest.java	PSU
ZULU-99789	25,27	jdk/internal/jline/JLineConsoleProviderTest.java fails after the JLine update to 3.30.16 (ZULU-96589)	PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-99818	21	Update JFX to zulu23.0.9+101	PSU
ZULU-99842	25	Update JFX to zulu25.0.5+100	PSU
ZULU-99843	8	Update JFX to zulu8u512-b01	PSU
ZULU-99936	17	Update JFX to zulu22.0.11+102	PSU
ZULU-99937	11	Update JFX to zulu19.0.17+101	PSU
ZULU-100058	8	Update JFX to zulu8u512-b02	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
ZULU-96350	8	JFX8 build failure after 8385281	CPU,PSU
ZULU-96503	8	Another maven proxy issue	CPU,PSU
ZULU-97984	21	Build failure after 8383209	PSU
ZULU-97985	8	Build failure after 8388783	PSU
ZULU-98472	21	The JFX23 is not able to be built for Win32	PSU
ZULU-99439	21	WebKit SYSV_ABI attribute is applied on non-x86_64 Windows targets	PSU
ZULU-99506	21	System tests fail to compile after 8328629: fail(Throwable) not available in JUnit 4	PSU
ZULU-99536	21	Intermittent timeouts in javafx.web tests due to races in TestBase	PSU
ZULU-99791	17	Windows build fails: TestRunnerShared misses JavaScriptCore private headers	PSU

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