Azul Zulu builds of OpenJDK

April 2026 Quarterly Update

Release Notes

Revision 1.3

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Revision History

Revision	Date	Description
0.1	April 21, 2026	Initial version of the document.
1.0	April 21, 2026	Added CVE information.
1.1	April 21, 2026	Completed info in the CVE table column "Modules Changed to Address CVE".
1.2	April 27, 2026	Added instructions for JVM detection on macOS.
1.3	May 4, 2026	Correct version numbers for Zulu 8 PSU.

Release Details

This release is the April 2026 quarterly update release for Azul Zulu Builds of OpenJDK version 26, 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	
26.30.11 (CA) 26.30.12 (SA)	PSU	26.0.1+8	26.28	26.0.0+35	26.0.1+101
25.33.16 (SA)	CPU	25.0.2.0.101+1	25.32	25.0.2+10	25.0.2.0.101+101
25.34.17 (CA) 25.34.18 (SA)	PSU	25.0.3+9	25.33	25.0.2.0.101+1	25.0.3+101
21.49.18 (SA)	CPU	21.0.10.0.101+1	21.48	21.0.10+7	23.0.6.0.101+102
21.50.19 (CA) 21.50.20 (SA)	PSU	21.0.11+10	21.49	21.0.10.0.101+1	23.0.7+102
17.65.18 (SA)	CPU	17.0.18.0.101+1	17.64	17.0.18+8	22.0.8.0.101+103
17.66.19 (CA) 17.66.20 (SA)	PSU	17.0.19+10	17.65	17.0.18.0.101+1	22.0.9+102

11.87.18 (SA)	CPU	11.0.30.0.101+1	11.86	11.0.30+7	19.0.14.0.101+102
11.88.17 (CA) 11.88.18 (SA)	PSU	11.0.31+11	11.87	11.0.30.0.101+1	19.0.15+101
8.93.0.18 (SA)	CPU	8u491-b01	8.92	8u482-b08	8u491-b04
8.94.0.17 (CA) 8.94.0.18 (SA)	PSU	8u492-b09	8.93	8u491-b01	8u492-b02
7.85.0.12 (SA)	CPU	7u501-b01	7.83	7u491-b01	N/A
6.79.0.14 (SA)	CPU	6b179	6.77	6b177	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

Zulu Docker Official Images

After more than two years of collaboration, reviews, and iterations with the Docker team, Azul Zulu OpenJDK has officially joined the Docker's Official Images program. This is more than a badge of honor. It changes how Java developers can pull and trust their container base images. The community has provided a lot of constructive feedback to make these images easier to use and maintain, for example:

- Fewer variations with clear functional advantages.
- Better alignment with the upstream-preferred base.
- Deprecation of end-of-life configurations.
- Deprecation of the distroless images.

The images are available on Docker Hub under the `azul-zulu` name. You can pull them directly, for instance, with the following commands:

```
docker pull azul-zulu:21
docker pull azul-zulu:21-jre
docker pull azul-zulu:25
```

Retirement of the images on `azul/zulu-openjdk` on Docker Hub is planned by the end of 2026. Please plan your migration to the new Docker Official images. If you need a variant that is not yet available, open an issue at AzulSystems/azul-zulu-images to request it.

More information is available in the Azul announcement, Trusted Java Containers: Azul Zulu OpenJDK Joins Docker's Official Images, and in our installation instructions for Running Azul Zulu CA in a Docker Container. All the available tags are listed on ca-docker-official-tags.

New Zulu Distributions

JavaFX for 64bit ARM-based Windows 11 for Java 21

As more 64-bit ARM-based laptops become available, the demand for JavaFX on this platform is increasing. With this release, we add support for JavaFX on 64-bit ARM-based Windows 11 for Java 21.

The Azul Zulu Builds with JavaFX functionality for the Windows ARM platform are available for Azul Core customers.

Zulu for Fedora 43

With this release, we add support in Azul Zulu Builds for Fedora 43.

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.

Warp as the Default Engine

Azul Zulu comes with two CRaC engines: `warp` and `criu`. The `warp` engine is now the default engine for all supported platforms. It provides better performance and reliability than the `criu` engine, and it is the recommended engine for most use cases.

Better Support for JVM Detection on macOS

Azul changed the directories inside the macOS bundles so that only the `Contents` directory will remain underneath the top-level directory. All symlinks (and the `zulu-$VER.jdk` directory which previously contained the `Contents` directory) are removed. This helps macOS systems to detect installed Zulu versions.

If your application references a hardcoded path like `<bundle>/` or `<bundle>/zulu-$VER.jdk/Contents/Home`, update it to point directly to `<bundle>/Contents/Home`.

DMG installations for macOS are not affected.

For more information, check Manage Multiple Azul Zulu Versions on macOS.

IANA Time Zone Data Version

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

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 15	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
SLES 12	✔	✔	✔	✔	✔	✔ [1]	✔ [1]	✔ [1]
CentOS Stream	✔	✔	✔	✔	✔	✔ [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
CoreOS	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 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	✔️	✔️

Known Issues

Property Permission Denied When Using AWT with Security Manager

If you use AWT with Azul Zulu together with the Security Manager, your application may fail to start with an error like this:

```
java.security.AccessControlException: access denied ("java.util.PropertyPermission"
"jdk.awt.Desktop.bypassBrowserForURI" "read")
```

If you encounter this problem with your application, you can use the following workaround to allow the application to start:

1. Create a Java policy file with the following content:

```
grant {
    permission java.util.PropertyPermission
```

```
"jdk.awt.Desktop.bypassBrowserForURI", "read";
};
```

2. Start your application with:

```
java -Djava.security.policy=/path/to/my.policy ...
```

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-2026-20652	JavaFX (WebKitGTK)	Multiple	Yes	7.5	Network	Low	None	None	Unchanged	None	None	High	26, 25, 21, 17, 11, 8	Note 1, Note 3
CVE-2026-22016	JAXP	Multiple	Yes	7.5	Network	Low	None	None	Unchanged	High	None	None	26, 25, 21, 17, 11, 8, 7, 6	Note 2
CVE-2026-34282	Networking	Multiple	Yes	7.5	Network	Low	None	None	Unchanged	None	None	High	26, 25, 21, 17, 11	Note 2
CVE-2026-22013	JGSS	Multiple	Yes	5.3	Network	High	None	Required	Unchanged	High	None	None	26, 25, 21, 17, 11, 8, 7, 6	Note 1
CVE-2026-22021	JSSE	HTTPS	Yes	5.3	Network	Low	None	None	Unchanged	None	None	Low	26, 25, 21, 17, 11, 8, 7, 6	Note 2
CVE-2026-23865	2D (FreeType)	None	No	5.3	Local	Low	None	Required	Unchanged	Low	Low	Low	26, 25, 21, 17, 11, 8, 7, 6	Note 2
CVE-2026-22008	Libraries	Multiple	Yes	3.7	Network	High	None	None	Unchanged	None	Low	None	26, 25	Note 1
CVE-2026-22018	Libraries	Multiple	Yes	3.7	Network	High	None	None	Unchanged	None	None	Low	26, 25, 21, 17, 11, 8, 7	Note 2
CVE-2026-22007	Security	None	No	2.9	Local	High	None	None	Unchanged	Low	None	None	26, 25, 21, 17, 11, 8, 7, 6	Note 2
CVE-2026-34268	Security	None	No	2.9	Local	High	None	None	Unchanged	Low	None	None	26, 25, 21, 17, 11, 8, 7, 6	Note 2

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-2026-22003	Hotspot	None	No	6.0	Local	High	Low	Required	Unchanged	None	High	High	None	Note 1

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 in servers, that load and run only trusted code (e.g., code installed by an administrator).
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	The patch for CVE-2026-20652 also addresses CVE-2025-43457, CVE-2026-20608, CVE-2026-20635, CVE-2026-20636, CVE-2026-20644, and CVE-2026-20676.

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-8348014	8,11,17,21,25,26	Enhance certificate processing	PSU
JDK-8350692	21	Enhance Reference handling	PSU
JDK-8364373	6,7,8,11,17,21,25,26	Transform Affine transformations	CPU,PSU
JDK-8364465	8,11,17,21,25,26	Enhance behavior of some intrinsics	CPU,PSU
JDK-8370995	8,11,17,21,25,26	Enhance ZipFile usage	PSU
JDK-8375210	6,7,8,11,17,21,25,26	Update libPNG	CPU,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-8011653	6	Upgrade to JAXP 1.5	CPU,PSU
JDK-8014891	6	Redundant setting of external access properties in setFeatures	CPU,PSU
JDK-8015016	6	Improve JAXP 1.5 error message	CPU,PSU
JDK-8016153	6	Property http://javax.xml.XMLConstants/property/accessExternalDTD is not recognized	CPU,PSU
JDK-8016648	6	FEATURE_SECURE_PROCESSING set to true or false causes SAXParseException to be thrown	CPU,PSU
JDK-8021148	6	Regression in SAXParserImpl in 7u40 b34 (NPE)	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8022548	6	SPECJVM2008 has errors introduced in 7u40-b34	CPU,PSU
JDK-8231449	11	HttpClient?s client ssl certificate authentication seems to be broken.	CPU,PSU
JDK-8308144	11	Uncontrolled memory consumption in SSLFlowDelegate.Reader	CPU,PSU
JDK-8343622	6,7,8,11,17,21	AesDkCrypto.stringToKey should not return null	CPU,PSU
JDK-8345578	6,7,8,11,17,21	New test in JDK-8343622 fails with a promoted build	CPU,PSU
JDK-8369282	6,7,8,11,17,21,25	Distrust TLS server certificates anchored by Chunghwa ePKI Root CA	CPU,PSU
JDK-8370579	17,21,25	PPC: fix inswri immediate argument order	CPU,PSU
JDK-8373290	8,11,17,21,25,26	Update FreeType to 2.14.1	CPU,PSU
JDK-8373476	6,7,8,11,17,21,25,26	(tz) Update Timezone Data to 2025c	CPU,PSU
JDK-8379035	6,7,8,11,17,21,25,26	(tz) Update Timezone Data to 2026a	CPU,PSU
JDK-8379158	8,11,17,21,25,26	Update FreeType to 2.14.2	CPU,PSU
JDK-6899304	17,21	java.awt.Toolkit.getScreenInsets(GraphicsConfiguration) returns incorrect values	PSU
JDK-7036144	17	GZIPInputStream readTrailer uses faulty available() test for end-of-stream	PSU
JDK-7191877	25	TEST_BUG: java/rmi/transport/checkLeaseInfoLeak/CheckLeaseLeak.java failing intermittently	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8030957	17,21,25	AIX: Implement OperatingSystemMXBean.getSystemCpuLoad() and .getProcessCpuLoad() on AIX	PSU
JDK-8056039	8	Hotspot does not compile with clang 3.4 on Linux	PSU
JDK-8068378	25	[TEST_BUG]The java/awt/Modal/PrintDialogsTest/PrintDialogsTest.java instruction need to update	PSU
JDK-8074840	8	Resolve disabled warnings for libjli and libjli_static	PSU
JDK-8075917	21	The regression-swing case failed as the text on label is not painted red with the GTK L&F	PSU
JDK-8114830	21	(fs) Files.copy fails due to interference from something else changing the file system	PSU
JDK-8132786	8	java/security/cert/CertPathValidator/OCSP/AIACheck.java fails intermittently	PSU
JDK-8153147	8	Mark java/net/BindException/Test.java as intermittently failing	PSU
JDK-8157758	8	JDK9 does not compile on Linux with GCC 6.1 because left-shifting a negative number has undefined behavior	PSU
JDK-8170464	8	Remove shell script from compiler/c2/cr7005594/Test7005594.java	PSU
JDK-8174734	8	Safepoint sync time did not increase	PSU
JDK-8183336	25	Better cleanup for jdk/test/java/lang/module/customfs/ModulesInCustomFileSystem.java	PSU
JDK-8186149	8	quarantine gc/survivorAlignment/TestPromotionFromSurvivorToTenuredAfterMinorGC.java	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8200566	17	DistributionPointFetcher fails to fetch CRLs if the DistributionPoints field contains more than one DistributionPoint and the first one fails	PSU
JDK-8209362	11	sun/security/ssl/SSLSocketImpl/ReuseAddr.java failed due to "BindException: Address already in use (Bind failed)"	PSU
JDK-8212084	25	G1: Implement UseGCOverheadLimit	PSU
JDK-8220658	8	Improve the readability of container information in the error log	PSU
JDK-8223145	8	Replace wildcard address with loopback or local host in tests - part 1	PSU
JDK-8224796	11	C code is not compiled correctly due to undefined "i386"	PSU
JDK-8225487	8	giflib legal file is missing attribution for openbsd-reallocarray.c.	PSU
JDK-8231449	11	HttpClient's client ssl certificate authentication seems to be broken	PSU
JDK-8237834	8	com/sun/jndi/ldap/LdapDnsProviderTest.java failing with LDAP response read timeout	PSU
JDK-8244336	17,21,25	Restrict algorithms at JCE layer	PSU
JDK-8244400	17	MenuItem may cache the size and did not update it when the screen DPI is changed	PSU
JDK-8246037	25	Shenandoah: update man pages to mention -XX:+UseShenandoahGC	PSU
JDK-8251189	8	com/sun/jndi/ldap/LdapDnsProviderTest.java failed due to timeout	PSU
JDK-8255463	25	java/nio/channels/spi/SelectorProvider/inheritedChannel/InheritedChannelTest.java failed with ThreadTimeoutException	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8256289	17,21,25	java/awt/Focus/AppletInitialFocusTest/AppletInitialFocusTest1.java failed with "RuntimeException: Wrong focus owner: java.awt.Button[button1,41,36,56x23,label=Button1]"	PSU
JDK-8263188	11	JSSE should fail fast if there isn't supported signature algorithm	PSU
JDK-8264524	8	jdk/internal/platform/docker/TestDockerMemoryMetrics.java fails due to swapping not working	PSU
JDK-8271396	17	Spelling errors	PSU
JDK-8274082	25	Wrong test name in jtreg run tag for java/awt/print/PrinterJob/SwingUIText.java	PSU
JDK-8274893	8	Update java.desktop classes to use try-with-resources	PSU
JDK-8275405	17	Linking error for classes with lambda template parameters and virtual functions	PSU
JDK-8277159	8	Fix java/nio/file/FileStore/Basic.java test by ignoring /run/user/* mount points	PSU
JDK-8282484	17	G1: Predicted old time in log always zero	PSU
JDK-8283784	17	java_lang_String::as_platform_dependent_str stores to oop in native state	PSU
JDK-8284047	11	Harmonize/Standardize the SSLSocket/SSLEngine/SSLSocketSSLEngine test templates	PSU
JDK-8284758	8	[linux] improve print_container_info	PSU
JDK-8285836	8	sun/net/www/http/KeepAliveCache/KeepAliveProperty.java failed with "RuntimeException: Failed in server"	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8286258	25	[Accessibility,macOS,VoiceOver] VoiceOver reads the spinner value wrong and sometime partially	PSU
JDK-8286694	11	Incorrect argument processing in java launcher	PSU
JDK-8286865	25	vmTestbase/vm/mlvm/meth/stress/jni/nativeAndMH/Test.java fails with Out of space in CodeCache	PSU
JDK-8287011	8	Improve container information	PSU
JDK-8287062	21,25	com/sun/jndi/ldap/LdapPoolTimeoutTest.java failed due to different timeout message	PSU
JDK-8288556	17	VM crashes if it gets sent SIGUSR2 from outside	PSU
JDK-8293484	25	AArch64: TestUseSHA512IntrinsicsOptionOnSupportedCPU.java fails on CPU with SHA512 feature support	PSU
JDK-8298153	21	Colored text is not shown on disabled checkbox and radio button with GTK LAF for bug4314194	PSU
JDK-8299304	25	Test "java/awt/print/PrinterJob/PageDialogTest.java" fails on macOS 13 x64 because the Page Dialog blocks the Toolkit	PSU
JDK-8301379	11	Verify TLS_ECDH_* cipher suites cannot be negotiated	PSU
JDK-8301875	17,21	java.util.TimeZone.getSystemTimeZoneID uses C library default file mode	PSU
JDK-8303215	11	Make thread stacks not use huge pages	PSU
JDK-8303475	17	potential null pointer dereference in filemap.cpp	PSU
JDK-8303482	8	Update LCMS to 2.15	PSU
JDK-8305186	11	Reference.waitForReferenceProcessing should be more accessible to tests	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8306014	11	Update javax.net.ssl TLS tests to use SSLContextTemplate or SSLEngineTemplate	PSU
JDK-8306015	11	Update sun.security.ssl TLS tests to use SSLContextTemplate or SSLEngineTemplate	PSU
JDK-8307495	25	Specialize atomic bitset functions for aix-ppc	PSU
JDK-8309667	17	TLS handshake fails because of ConcurrentModificationException in PKCS12KeyStore.engineGetEntry	PSU
JDK-8311644	17	Server should not send bad_certificate alert when the client does not send any certificates	PSU
JDK-8312518	8	[macos13] setFullScreenWindow() shows black screen on macOS 13 & above	PSU
JDK-8313319	21	[linux] mmap should use MAP_FIXED_NOREPLACE if available	PSU
JDK-8313770	8,11,25	jdk/internal/platform/docker/TestSystemMetrics.java fails on Ubuntu	PSU
JDK-8314555	17,21	Build with mawk fails on Windows	PSU
JDK-8314810	21	(fs) java/nio/file/Files/CopyInterference.java should use TestUtil::supportsLinks	PSU
JDK-8316274	21,25	javax/swing/ButtonGroup/TestButtonGroupFocusTraversal.java fails in Ubuntu 23.10 with Motif LAF	PSU
JDK-8317633	17,21	Modernize text.testlib.HexDumpReader	PSU
JDK-8317801	21	java/net/Socket/asyncClose/Race.java fails intermittently (aix)	PSU
JDK-8317838	21,25	java/nio/channels/Channels/SocketChannelStreams.java running into timeout (aix)	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8318302	21	ThreadCountLimit.java failed with "Native memory allocation (mprotect) failed to protect 16384 bytes for memory to guard stack pages"	PSU
JDK-8318662	25	Refactor some jdk/java/net/httpclient/http2 tests to JUnit	PSU
JDK-8320677	25	Printer tests use invalid '@run main/manual=yesno	PSU
JDK-8324861	11	Exceptions::wrap_dynamic_exception() doesn't have ResourceMark	PSU
JDK-8326705	17	Test CertMsgCheck.java fails to find alert certificate_required	PSU
JDK-8326897	21	(fs) The utility TestUtil.supportsLinks is wrongly used to check for hard link support	PSU
JDK-8327114	21	Attach in Linux may have wrong behaviour when pid == ns_pid (Kubernetes debug container)	PSU
JDK-8328608	17,21	Multiple NewSessionTicket support for TLS	PSU
JDK-8328999	8	Update GIFlib to 5.2.2	PSU
JDK-8329258	17	TailCall should not use frame pointer register for jump target	PSU
JDK-8329337	21	Problem list BufferStrategyExceptionTest.java on Windows	PSU
JDK-8330016	17,21	Stress seed should be initialized for runtime stub compilation	PSU
JDK-8331431	17,21	Update to use jtreg 7.4	PSU
JDK-8333386	17,21	TestAbortOnVMOperationTimeout test fails for client VM	PSU
JDK-8333857	21,25	Test sun/security/ssl/SSLSessionImpl/ResumeChecks Server.java failed: Existing session was used	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8333871	25	Check return values of sysinfo	PSU
JDK-8334670	17,21	SSLSocketOutputRecord buffer miscalculation	PSU
JDK-8334738	21	os::print_hex_dump should optionally print ASCII	PSU
JDK-8334928	25	Test sun/security/ssl/SSLSocketImpl/ReuseAddr.java failed: java.net.BindException: Address already in use	PSU
JDK-8335646	21,25	Nimbus : JLabel not painted with LAF defined foreground color on Ubuntu 24.04	PSU
JDK-8335906	21	[s390x] Test Failure: GTestWrapper.java	PSU
JDK-8336342	11	Fix known X11 library locations in sysroot	PSU
JDK-8336343	11	Add more known sysroot library locations for ALSA	PSU
JDK-8336695	17,21,25	Update Commons BCEL to Version 6.10.0	PSU
JDK-8337102	11,17,21	JITTester: Fix breaks in static initialization blocks	PSU
JDK-8337669	11	[17u] Backport of JDK-8284047 missed to delete a file	PSU
JDK-8337681	17	PNGImageWriter uses much more memory than necessary	PSU
JDK-8337795	17	Type annotation attached to incorrect type during class reading	PSU
JDK-8337998	17	CompletionFailure in getEnclosingType attaching type annotations	PSU
JDK-8339238	21	Update to use jtreg 7.5.1	PSU
JDK-8339271	8,11,17,21	giflib attribution correction	PSU
JDK-8339791	17,21,25	Refactor MiscUndecorated/ActiveAWTWindowTest.java	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8340024	17	In ClassReader, extract a constant for the superclass supertype_index	PSU
JDK-8340321	11	Disable SHA-1 in TLS/DTLS 1.2 handshake signatures	PSU
JDK-8341039	25	compiler/cha/TypeProfileFinalMethod.java fails with assertEquals expected: 0 but was: 2	PSU
JDK-8341246	21	Test com/sun/tools/attach/PermissionTest.java fails access denied after JDK-8327114	PSU
JDK-8341310	21	Test TestJcmdWithSideCar.java should skip ACCESS_TMP_VIA_PROC_ROOT (after JDK-8327114)	PSU
JDK-8341779	17	[REDO BACKPORT] type annotations are not visible to javac plugins across compilation boundaries (JDK-8225377)	PSU
JDK-8342175	11,17,21,25	MemoryEaterMT fails intermittently with ExceptionInInitializerError	PSU
JDK-8342401	25	[TESTBUG] javax/swing/JSpinner/8223788/JSpinnerButtonFocusTest.java test fails in ubuntu 22.04 on SBR Hosts	PSU
JDK-8342449	21	reimplement: JDK-8327114 Attach in Linux may have wrong behavior when pid == ns_pid	PSU
JDK-8342640	25	GenShen: Silently ignoring ShenandoahGCHeuristics considered poor user-experience	PSU
JDK-8342659	25	Test vmTestbase/nsk/jdi/ObjectReference/referringObjects/referringObjects002/referringObjects002.java failed: Class nsk.share.jdi.TestClass1 was not unloaded	PSU

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JDK-8343234	21	(bf) Move java/nio/Buffer/LimitDirectMemory.java from ProblemList.txt to ProblemList-Virtual.txt	PSU
JDK-8343316	25	Review and update tests using explicit provider names	PSU
JDK-8343340	25	Swapping checking do not work for MetricsMemoryTester failcount	PSU
JDK-8343377	21	Performance regression in reflective invocation of native methods	PSU
JDK-8343474	25	[updates] Customize README.md to specifics of update project	PSU
JDK-8344073	25	Test runtime/cds/appcds/TestParallelGCWithCDS.java #id0 failed	PSU
JDK-8345668	21	ZoneOffset.ofTotalSeconds performance regression	PSU
JDK-8346048	11,17,21	test/lib/containers/docker/DockerRunOptions.java uses addJavaOpts() from ctor	PSU
JDK-8346154	25	[XWayland] Some tests fail intermittently in the CI, but not locally	PSU
JDK-8346962	17,21,25	Test CRLReadTimeout.java fails with -Xcomp on a fastdebug build	PSU
JDK-8347475	17,21	GTK: javax/swing/JColorChooser/Test8152419.java there are no swatches or RGB tab in JColorChooser	PSU
JDK-8347911	8	Limit the length of inflated text chunks	PSU
JDK-8348309	21	MultiNST tests need more debugging and timing	PSU

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JDK-8349192	25	jvmti/scenarios/contention/TC05/tc05t001 fails: ERROR: tc05t001.cpp, 281: (waitedThreadCpuTime - waitThreadCpuTime) < (EXPECTED_ACCURACY * 1000000)	PSU
JDK-8349351	17,21	Combine Screen Inset Tests into a Single File	PSU
JDK-8349583	11	Add mechanism to disable signature schemes based on their TLS scope	PSU
JDK-8350103	21	Test containers/systemd/SystemdMemoryAwarenessTest.java fails on Linux ppc64le SLES15 SP6	PSU
JDK-8350813	8	Rendering of bulky sound bank from MIDI sequence can cause OutOfMemoryError	PSU
JDK-8351000	21	StringBuilder getChar and putChar robustness	PSU
JDK-8351458	21	(ch) Move preClose to UnixDispatcher	PSU
JDK-8351639	17,21	Improve debuggability of test/langtools/jdk/jshell/JdiHangingListenExecutionControlTest.java test	PSU
JDK-8352149	25	Test java/awt/Frame/MultiScreenTest.java fails: Window list is empty	PSU
JDK-8353657	8	[8u] Test tools/launcher/VersionCheck.java fails with debug build	PSU
JDK-8353755	17,21,25	Add a helper method to Util - findComponent()	PSU
JDK-8354057	21	Odd debug output in -Xlog:os+container=debug on certain systems	PSU
JDK-8354145	21	G1: UseCompressedOops boundary is calculated on maximum heap region size instead of maxiumum ergonomic heap region size	PSU
JDK-8354219	17,21	Automate javax/swing/JComboBox/ComboPopupBug.java	PSU

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JDK-8354244	25	Use random data in MinMaxRed_Long data arrays	PSU
JDK-8354469	21,25	Keytool exposes the password in plain text when command is piped using | grep	PSU
JDK-8354559	21	gc/g1/TestAllocationFailure.java doesn't need WB API	PSU
JDK-8354878	21	File Leak in CgroupSubsystemFactory::determine_type of cgroupSubsystem_linux.cpp:300	PSU
JDK-8354893	17	[REDO BACKPORT] javac crashes while adding type annotations to the return type of a constructor (JDK-8320001)	PSU
JDK-8354894	25	java/lang/Thread/virtual/Starvation.java timeout on server with high CPUs	PSU
JDK-8354922	21	ZGC: Use MAP_FIXED_NOREPLACE when reserving memory	PSU
JDK-8354937	25	Cleanup some sparc related coding in os_linux	PSU
JDK-8355278	17,21	Improve debuggability of com/sun/jndi/ldap/LdapPoolTimeoutTest.java test	PSU
JDK-8355445	21	[java.nio] Use @requires tag instead of exiting based on "os.name" property value	PSU
JDK-8355632	17,21	WhiteBox.waitForReferenceProcessing() fails assert for return type	PSU
JDK-8355779	11	When no "signature_algorithms_cert" extension is present we do not apply certificate scope constraints to algorithms in "signature_algorithms" extension	PSU
JDK-8356107	21	[java.lang] Use @requires tag instead of exiting based on os.name or separatorChar property	PSU

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JDK-8356548	25	Use ClassFile API instead of ASM to transform classes in tests	PSU
JDK-8356868	25	Not all cgroup parameters are made available	PSU
JDK-8357141	21	Update to use jtreg 7.5.2	PSU
JDK-8357277	17,21,25	Update OpenSSL library for interop tests	PSU
JDK-8357380	21,25	java/lang/StringBuilder/RacingSBThreads.java times out with C1	PSU
JDK-8357390	25	java/awt/Toolkit/ScreenInsetsTest/ScreenInsetsTest.java Test failing on Ubuntu 24.04 Vm Hosts used by Oracle's internal CI system	PSU
JDK-8357470	25	src/java.base/share/classes/sun/security/util/Debug.java implement the test for args.toLowerCase	PSU
JDK-8357570	25	[macOS] os::Bsd::available_memory() might return too low values	PSU
JDK-8357591	25	Re-enable CDS test cases for jvmci after JDK-8345826	PSU
JDK-8358058	25	sun/java2d/OpenGL/DrawImageBg.java Test fails intermittently	PSU
JDK-8358077	21	sun.tools.attach.VirtualMachineImpl::checkCatchesAndSendQuitTo on Linux leaks file handles after JDK-8327114	PSU
JDK-8358159	21,25	Empty mode/padding in cipher transformations	PSU
JDK-8358529	25	GenShen: Heuristics do not respond to changes in SoftMaxHeapSize	PSU
JDK-8358679	25	[asan] vmTestbase/nsk/jvmti tests show memory issues	PSU
JDK-8358686	25	CDS and AOT can cause buffer truncation warning even when logging is disabled	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8358735	25	GenShen: block_start() may be incorrect after class unloading	PSU
JDK-8358756	25	[s390x] Test StartupOutput.java crash due to CodeCache size	PSU
JDK-8358801	25	javac produces class that does not pass verifier.	PSU
JDK-8359064	25	Expose reason for marking nmethod non-entrant to JVMCI client	PSU
JDK-8359182	25	Use @requires instead of SkippedException for MaxPath.java	PSU
JDK-8359388	21,25	Stricter checking for cipher transformations	PSU
JDK-8359418	25	Test "javax/swing/text/GlyphView/bug4188841.java" failed because the phrase of text pane does not match the instructions	PSU
JDK-8359472	25	JVM crashes when attaching a dynamic agent before JVMTI_PHASE_LIVE	PSU
JDK-8359707	25	Add classfile modification code to RedefineClassHelper	PSU
JDK-8359827	21	Test runtime/Thread/ThreadCountLimit.java need loop increasing the limit	PSU
JDK-8359868	25	Shenandoah: Free threshold heuristic does not use SoftMaxHeapSize	PSU
JDK-8359978	25	Test javax/net/ssl/SSLSocket/Tls13PacketSize.java failed again with java.net.SocketException: An established connection was aborted by the software in your host machine	PSU
JDK-8360049	25	CodeInvalidationReasonTest.java fails with ZGC on AArch64	PSU

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JDK-8360160	25	ubuntu-22-04 machine is failing client tests	PSU
JDK-8360169	25	Problem list CodeInvalidationReasonTest.java on linux-riscv64 until JDK-8360168 is fixed	PSU
JDK-8360271	25	String.indexOf intrinsics fail with +EnableX86ECoreOpts and -CompactStrings	PSU
JDK-8360395	25	sun/security/tools/keytool/i18n.java user country is current user location instead of the language	PSU
JDK-8360406	17	[21u] Disable logic for attaching type annotations to class files until 8359336 is fixed	PSU
JDK-8360539	17,21,25	DTLS handshakes fails due to improper cookie validation logic	PSU
JDK-8360562	25	sun/security/tools/keytool/i18n.java add an ability to add comment for failures	PSU
JDK-8360702	25	runtime/Thread/AsyncExceptionTest.java timed out	PSU
JDK-8360869	8	jcstress is able to crash jdk8 on aarch64 with jfr on	PSU
JDK-8360882	25	Tests throw SkippedException when they should fail	PSU
JDK-8361067	17,21,25	Test ExtraButtonDrag.java requires frame.dispose in finally block	PSU
JDK-8361106	25	[TEST] com/sun/net/httpserver/Test9.java fails with java.nio.file.FileSystemException	PSU
JDK-8361117	17	SIGSEGV in LShiftLNode::Ideal due to unexpected dead node	PSU
JDK-8361363	25	ShenandoahAsserts::print_obj() does not work for forwarded objects and UseCompactObjectHeaders	PSU
JDK-8361381	25	GlyphLayout behavior differs on JDK 11+ compared to JDK 8	PSU

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JDK-8361492	25	[IR Framework] Has too restrictive regex for load and store	PSU
JDK-8361521	25	BogusFocusableWindowState.java fails with StackOverflowError on Linux	PSU
JDK-8361530	17,21,25	Test javax/swing/GraphicsConfigNotifier/StalePreferredSize.java timed out	PSU
JDK-8361613	21,25	System.console() should only be available for interactive terminal	PSU
JDK-8361748	8,11	Enforce limits on the size of an XBM image	PSU
JDK-8361894	25	sun/security/krb5/config/native/TestDynamicStore.java ensure that the test is run with sudo	PSU
JDK-8362284	25	RISC-V: cleanup NativeMovRegMem	PSU
JDK-8362834	21	Several runtime/Thread tests should mark as /native	PSU
JDK-8362979	25	C2 fails with unexpected node in SuperWord truncation: CmpLTMask, RoundF	PSU
JDK-8363950	17,21,25	Incorrect jtreg header in TestLayoutVsICU.java	PSU
JDK-8364580	25	Test compiler/vectorization/TestSubwordTruncation.java fails on platforms without RoundF/RoundD	PSU
JDK-8364741	25	[asan] runtime/ErrorHandling/PrintVMInfoAtExitTest.java fails because output differs slightly	PSU
JDK-8364756	25	JFR: Improve slow tests	PSU
JDK-8364764	21	java/nio/channels/vthread/BlockingChannelOps.java subtests timed out	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8364936	25	Shenandoah: Switch nmethod entry barriers to conc_instruction_and_data_patch	PSU
JDK-8365065	25	cancelled ForkJoinPool tasks no longer throw CancellationException	PSU
JDK-8365184	25	sun/tools/jhsdb/HeapDumpTestWithActiveProcess.java Re-enable SerialGC flag on debuggee process	PSU
JDK-8365305	25	The ARIA role ‘contentinfo’ is not valid for the element <footer>	PSU
JDK-8365398	25	TEST_BUG: java/rmi/transport/checkLeaseInfoLeak/CheckLeaseLeak.java failing intermittently	PSU
JDK-8365526	21,25	Crash with null Symbol passed to SystemDictionary::resolve_or_null	PSU
JDK-8365570	25	C2 fails assert(false) failed: Unexpected node in SuperWord truncation: CastII	PSU
JDK-8365776	25	Convert JShell tests to use JUnit instead of TestNG	PSU
JDK-8365861	25	test/jdk/sun/security/pkcs11/Provider/ tests skipped without SkippedException	PSU
JDK-8365972	21,25	JFR: ThreadDump and ClassLoaderStatistics events may cause back to back rotations	PSU
JDK-8366082	25	Improve queue size computation in CPU-time sampler	PSU
JDK-8366128	21,25	jdk/jdk/nio/zipfs/TestPosix.java::testJarFile uses wrong file	PSU
JDK-8366182	25	Some PKCS11Tests are being skipped when they shouldn’t	PSU

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JDK-8366221	11	[11u] TestPromotionFromSurvivorToTenuredAfterMinorGC.java javac build fails	PSU
JDK-8366261	21,25	Provide utility methods for sun.security.util.Password	PSU
JDK-8366278	25	Form control element <select> has no associated label	PSU
JDK-8366369	25	Add @requires linux for GTK L&F tests	PSU
JDK-8366486	25	Test jdk/jfr/event/profiling/TestCPUTimeSampleMultipleRecordings.java is timing out	PSU
JDK-8366694	17,21	Test JdbStopInNotificationThreadTest.java timed out after 60 second	PSU
JDK-8366733	25	Re-examine older java.text NF, DF, and DFS serialization tests	PSU
JDK-8366747	25	RISC-V: Improve VerifyMethodHandles for method handle linkers	PSU
JDK-8366817	11,17,21,25	test/jdk/javax/net/ssl/TLSCommon/interop/JdkProcServer.java and JdkProcClient.java should not delete logs	PSU
JDK-8366850	17,21	Test com/sun/jdi/JdbStopInNotificationThreadTest.java failed	PSU
JDK-8366866	17,21	SslRMIClientSocketFactory#createSocket lacking priviledges (securitymanger)	PSU
JDK-8366874	25	Test gc/arguments/TestParallelGCErgo.java fails with UseTransparentHugePages	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8366878	25	Improve flags of compiler/loopopts/superword/TestAlignVectorFuzzer.java	PSU
JDK-8366908	25	Use a different class for testing JDK-8351654	PSU
JDK-8366938	17,21,25	Test runtime/handshake/HandshakeTimeoutTest.java crashed	PSU
JDK-8366951	25	Test runtime/logging/StressAsyncUL.java is timing out	PSU
JDK-8367135	17,21,25	Test compiler/loopstripmining/CheckLoopStripMining.java needs internal timeouts adjusted	PSU
JDK-8367271	25	Add parsing tests to DateFormat JMH benchmark	PSU
JDK-8367278	25	Test compiler/startup/StartupOutput.java timed out after completion on Windows	PSU
JDK-8367302	25	New test jdk/jfr/event/profiling/TestCPUTimeSampleQueueAutoSizes.java from JDK-8366082 is failing	PSU
JDK-8367371	25	Remove @requires vm.opt.UseLargePages from InternSharedString.java test	PSU
JDK-8367372	25	Test `test/hotspot/jtreg/gc/TestObjectAlignmentCardSize.java` fails on 32 bit systems	PSU
JDK-8367583	21,25	sun/security/util/AlgorithmConstraints/InvalidCryptoDisabledAlgos.java fails after JDK-8244336	PSU
JDK-8367772	21,25	Refactor createUI in PassFailJFrame	PSU
JDK-8367784	25	java/awt/Focus/InitialFocusTest/InitialFocusTest1.java failed with Wrong focus owner	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8367862	25	debug.cpp: Do not print help message for methods ifdef'd out	PSU
JDK-8367901	25	Calendar.roll(hour, 24) returns wrong result	PSU
JDK-8367904	17	Test java/net/InetAddress/ptr/Lookup.java should throw SkippedException	PSU
JDK-8367994	25	test/jdk/sun/security/pkcs11/Signature/ tests pass when they should skip	PSU
JDK-8368029	25	Several tests in httpserver/simpleserver should throw SkipException	PSU
JDK-8368182	25	AOT cache creation fails with class defined by JNI	PSU
JDK-8368328	25	CompactNumberFormat.clone does not produce independent instances	PSU
JDK-8368335	25	Refactor the rest of Locale TestNG based tests to JUnit	PSU
JDK-8368498	25	Use JUnit instead of TestNG for jdk_text tests	PSU
JDK-8368500	25	ContextClassLoader cannot be reset on threads in ForkJoinPool.commonPool()	PSU
JDK-8368551	25	Core dump warning may be confusing	PSU
JDK-8368625	25	com/sun/net/httpserver/ServerStopTerminationTest.java fails intermittently	PSU
JDK-8368677	25	acvp test should throw SkippedException when no ACVP-Server available	PSU
JDK-8368683	21,25	[process] Increase jtreg debug output maxOutputSize for TreeTest	PSU
JDK-8368754	25	runtime/cds/appcds/SignedJar.java log regex is too strict	PSU
JDK-8368787	17,21,25	Error reporting: hs_err files should show instructions when referencing code in nmethods	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8368866	25	compiler/codecache/stress/UnexpectedDeoptimizationTest.java intermittent timed out	PSU
JDK-8368882	21,25	NPE during text drawing on machine with JP locale	PSU
JDK-8368885	25	NMT CommandLine tests can check for error better	PSU
JDK-8368892	25	Make JEditorPane/TestBrowserBGColor.java headless	PSU
JDK-8368960	17	Adjust java UL logging in the build	PSU
JDK-8369032	25	Add test to ensure serialized ICC_Profile stores only necessary optional data	PSU
JDK-8369050	25	DecimalFormat Rounding Errors for Fractional Ties Near Zero	PSU
JDK-8369226	8	GHA: Switch to MacOS 15	PSU
JDK-8369227	25	Virtual thread stuck in PARKED state	PSU
JDK-8369255	25	Assess and remedy any unsafe usage of the Semaphores used by JFR	PSU
JDK-8369335	25	Two sun/java2d/OpenGL tests fail on Windows after JDK-8358058	PSU
JDK-8369505	25	jhsdb jstack cannot handle continuation stub	PSU
JDK-8369516	25	Delete duplicate imaging test	PSU
JDK-8369563	17	Gtest dll_address_to_function_and_library_name has issues with stripped pdb files	PSU
JDK-8369804	25	TestGenerators.java fails with IllegalArgumentException: bound must be greater than origin	PSU
JDK-8369851	25	Remove darcy author tags from langtools tests	PSU
JDK-8369858	21,25	Remove darcy author tags from jdk tests	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8369881	25	C2: Unexpected node in SuperWord truncation: ReverseBytesS, ReverseBytesUS	PSU
JDK-8369911	21,25	Test sun/java2d/marlin/ClipShapeTest.java#CubicDoDash, #Cubic and #Poly fail intermittent	PSU
JDK-8369991	25	Thread blocking during JFR emergency dump must be in safepoint safe state	PSU
JDK-8370036	25	TestJhsdbJstackWithVirtualThread.java fails when run with -showversion	PSU
JDK-8370064	25	Test runtime/NMT/CheckForProperDetailStackTrace.java fails on Windows when using stripped pdb files	PSU
JDK-8370197	25	Add missing @Override annotations in com.sun.beans package	PSU
JDK-8370201	25	Test serviceability/sa/TestJhsdbJstackWithVirtualThread.java fails due to VM warnings	PSU
JDK-8370203	25	Add jcmd AOT.end_recording diagnostic command	PSU
JDK-8370240	25	[PPC64] jhsdb jstack cannot handle continuation stub	PSU
JDK-8370242	25	JFR: Clear event reference eagerly when using EventStream	PSU
JDK-8370244	25	[PPC64] Several vector tests fail on Power8	PSU
JDK-8370325	21,25	G1: Disallow GC for TLAB allocation	PSU
JDK-8370378	25	Some compiler tests inadvertently exclude particular platforms	PSU
JDK-8370393	25	Cleanup handling of ancient Windows versions from GetJavaProperties java_props_md	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8370405	25	C2: mismatched store from MergeStores wrongly scalarized in allocation elimination	PSU
JDK-8370489	26	Some compiler tests miss the @key randomness	PSU
JDK-8370492	25	[Linux] Update cpu shares to cpu.weight mapping function	PSU
JDK-8370511	25	test/jdk/javax/swing/JSlider/bug4382876.java does not release previously pressed keys	PSU
JDK-8370572	21,25	Cgroups hierarchical memory limit is not honored after JDK-8322420	PSU
JDK-8370636	21,25	com/sun/jdi/TwoThreadsTest.java should wait for completion of all threads	PSU
JDK-8370646	25	TestLargeUTF8Length.java needs lots of memory	PSU
JDK-8370649	25	Add intermittent tag for gc/shenandoah/generational/TestOldGrowthTriggers.java	PSU
JDK-8370708	25	RISC-V: Add VerifyStackAtCalls	PSU
JDK-8370730	25	Test serviceability/attach/EarlyDynamicLoad/EarlyDynamicLoad.java needs to be resilient about warnings	PSU
JDK-8370732	25	Use WhiteBox.getWhiteBox().fullGC() to provoking gc for nsk/jvmti tests	PSU
JDK-8370887	25	DelayScheduler.replace method may break the 4-ary heap in certain scenarios	PSU
JDK-8370905	25	Update vm.defmeth tests to use virtual threads	PSU
JDK-8370942	25	test/jdk/java/security/Provider/NewInstance.java and /test/jdk/java/security/cert/CertStore/NoLDAP.java may skip without notifying	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8370966	21,25	Create regression test for the hierarchical memory limit fix in JDK-8370572	PSU
JDK-8371014	25	Dump JFR recording on CrashOnOutOfMemoryError is incorrectly implemented	PSU
JDK-8371103	17,21,25	vmTestbase/nsk/jvmti/scenarios/events/EM02/em02t006/TestDescription.java failing	PSU
JDK-8371262	25	sun/security/pkcs11/Cipher/KeyWrap tests may silently skip	PSU
JDK-8371316	25	Adjust assertion (GC pause time cannot be smaller than the sum of each phase) in G1GCPhaseTimes::print	PSU
JDK-8371349	25	Update NSS library to 3.117	PSU
JDK-8371364	25	Refactor javax/swing/JFileChooser/FileSizeCheck.java to use Util.findComponent()	PSU
JDK-8371365	25	Update javax/swing/JFileChooser/bug4759934.java to use Util.findComponent()	PSU
JDK-8371366	25	java/net/httpclient/whitebox/RawChannelTestDriver.java fails intermittently in jtreg timeout	PSU
JDK-8371368	25	SIGSEGV in JfrVframeStream::next_vframe() on arm64	PSU
JDK-8371383	25	Test sun/security/tools/jarsigner/DefaultOptions.java failed due to CertificateNotYetValidException	PSU
JDK-8371385	25	compiler/escapeAnalysis/TestRematerializeObjects.java fails in case of -XX:-UseUnalignedAccesses	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8371420	25	Still sporadic failures of gc/TestAlwaysPreTouchBehavior.java#<gcname> on Linux after JDK-8359104	PSU
JDK-8371485	21,25	ProblemList awt/Mixing/AWT_Mixing/JTableInGlassPaneOverlapping.java for linux	PSU
JDK-8371559	17,21,25	Intermittent timeouts in test javax/net/ssl/Stapling/HttpsUrlConnClient.java	PSU
JDK-8371608	21,25	Jtreg test jdk/internal/vm/Continuation/Fuzz.java sometimes fails with (fast)debug binaries	PSU
JDK-8371759	25	Add missing @Override annotations in com.sun.imageio package	PSU
JDK-8371769	25	TestMemoryInvisibleParent.java fails with java.nio.file.AccessDeniedException	PSU
JDK-8371854	25	Shenandoah: Simplify WALK_FORWARD_IN_BLOCK_START use	PSU
JDK-8371864	25	GaloisCounterMode.implGCMCrypt0 AVX512/AVX2 intrinsics stubs cause AES-GCM encryption failure for certain payload sizes	PSU
JDK-8371889	21	[21u] JFR: Deadlock in ThrowableTracer	PSU
JDK-8371895	25	Lower GCTimeLimit in TestUseGCOverheadLimit.java	PSU
JDK-8371944	25	AOT configuration is corrupted when app closes System.out	PSU
JDK-8371948	25	TestStackOverflowDuringInit.java fails xss too small on linux-aarch64	PSU
JDK-8371966	25	RISC-V: Incorrect pointer dereference in TemplateInterpreterGenerator::generate_native_entry	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8371967	25	Add Visual Studio 2026 to build toolchain for Windows	PSU
JDK-8371978	17,21,25	tools/jar/ReproducibleJar.java fails on XFS	PSU
JDK-8372012	25	java/nio/file/attribute/BasicFileAttributeView/SetTimesNanos.java should check ability to create links	PSU
JDK-8372046	25	compiler/floatingpoint/TestSubNodeFloatDoubleNegation.java fails IR verification	PSU
JDK-8372048	17,21,25	Performance improvement on Linux remote desktop	PSU
JDK-8372110	25	GenShen: Fix erroneous assert	PSU
JDK-8372120	25	Add missing sound keyword to MIDI tests	PSU
JDK-8372147	25	ConnectionFlowControlTest should use HttpResponse.connectionLabel()	PSU
JDK-8372321	21,25	TestBackToBackSensitive fails intermittently after JDK-8365972	PSU
JDK-8372348	21,25	Adjust some UL / JFR string deduplication output messages	PSU
JDK-8372412	25	Increase buffer size for ring-buffer events in CollectedHeap	PSU
JDK-8372441	21,25	JFR: Improve logging of TestBackToBackSensitive	PSU
JDK-8372464	21	Bump update version for OpenJDK: jdk-21.0.11	PSU
JDK-8372465	17	Bump update version for OpenJDK: jdk-17.0.19	PSU
JDK-8372586	25	Crashes on ppc64(le) after JDK-8371368	PSU
JDK-8372589	25,26	VM crashes on init when NonNMethodCodeHeapSize is set too small and UseTransparentHugePages is enabled	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8372591	25	assert(!current cont_fastpath() || freeze.check_valid_fast_path()) failed	PSU
JDK-8372592	26	Adjust logger usage in java2d tests	PSU
JDK-8372609	25	Bug4944439 does not enforce locale correctly	PSU
JDK-8372660	8	[8u] ProblemList TestCPUAwareness until 8370492 is addressed	PSU
JDK-8372661	25,26	Add a null-safe static factory method to "jdk.test.lib.net.SimpleSSLContext"	PSU
JDK-8372704	25	ThreadMXBean.getThreadUserTime may return total time	PSU
JDK-8372710	21,25	Update ProcessBuilder/Basic regex	PSU
JDK-8372733	25	GHA: Bump to Ubuntu 24.04	PSU
JDK-8372756	17,21,25	Mouse additional buttons and horizontal scrolling are broken on XWayland GNOME >= 47 after JDK-8351907	PSU
JDK-8372835	25	WorkQueue::push is missing an acquire-fence	PSU
JDK-8372857	11,17,21,25	Improve debuggability of java/rmi/server/RemoteServer/AddrInUse.java test	PSU
JDK-8372860	25	TestCodeCacheUnloadDuringConcCycle fails on ARM32	PSU
JDK-8372933	17,21,25,26	[CRaC] Restore failed due to incompatible or missing CPU features, try using -XX:CPUFeatures=0xfoo,0xbar on checkpoint	PSU
JDK-8372977	17,21,25	Unnecessary gthread-2.0 loading	PSU
JDK-8372988	21,25	Test runtime/Nestmates/membership/TestNestHostErrorWithMultiThread.java failed: Unexpected interrupt	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8373021	25	aarch64: MacroAssembler::arrays_equals reads out of bounds	PSU
JDK-8373101	25	JdkClient and JdkServer test classes ignore namedGroups field	PSU
JDK-8373106	25	JFR suspend/resume deadlock on macOS in pthreads library	PSU
JDK-8373250	8	Bump update version of OpenJDK: 8u492	PSU
JDK-8373254	11	Bump update version of OpenJDK: 11.0.31	PSU
JDK-8373429	25	gc/g1/TestCodeCacheUnloadDuringConcCycle fails on various platforms	PSU
JDK-8373485	25	JFR Crash during sampling: assert(jt□has_last_Java_frame()) failed: invariant	PSU
JDK-8373520	26	Bump update version for OpenJDK: jdk26u to 26.0.1	PSU
JDK-8373525	21,25	C2: assert(_base == Long) failed: Not a Long	PSU
JDK-8373537	25	Migrate "test/jdk/com/sun/net/httpserver/" to null-safe "SimpleSSLContext" methods	PSU
JDK-8373593	25	Support latest VS2026 MSC_VER in abstract_vm_version.cpp	PSU
JDK-8373623	25	Refactor Serialization tests for Records to JUnit	PSU
JDK-8373625	26	CPUTimeCounters creates a total counter for unsupported GCs	PSU
JDK-8373630	25	r18_tls should not be modified on Windows AArch64	PSU
JDK-8373632	25,26	Some sound tests failing in CI due to lack of sound key	PSU
JDK-8373704	25	Improve "SocketException: Protocol family unavailable" message	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8373716	25	Refactor further java/util tests from TestNG to JUnit	PSU
JDK-8373727	8,11,17,21,25	New XBM images parser regression: only the first line of the bitmap array is parsed	PSU
JDK-8373793	25,26	TestDynamicStore.java '/manual' disables use of '/timeout'	PSU
JDK-8373807	25	test/jdk/java/net/httpclient/websocket/DummyWebSocketServer.java getURI() uses "localhost"	PSU
JDK-8373832	25	Test java/lang/invoke/TestVHInvokerCaching.java tests nothing	PSU
JDK-8373869	25	Refactor java/net/httpclient/ThrowingPushPromises*.java tests to use JUnit5	PSU
JDK-8373931	25	Test javax/sound/sampled/Clip/AutoCloseTimeCheck.java timed out	PSU
JDK-8373946	25	Synth ProgressBarUI implementation confuses background painting with border painting	PSU
JDK-8373984	25	Check for macos 11 in CGraphicsDevice.m can be removed	PSU
JDK-8373998	25	RISC-V: simple optimization of ConvHF2F	PSU
JDK-8374056	17,21,25	RISC-V: Fix argument passing for the RiscvFlushIcache::flush	PSU
JDK-8374178	21,25	Missing include in systemDictionary.cpp after JDK-8365526	PSU
JDK-8374213	11	[11u] [BACKOUT] JDK-8301379 Verify TLS_ECDH_* cipher suites cannot be negotiated	PSU
JDK-8374433	21,25	java/util/Locale/PreserveTagCase.java does not run any tests	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8374434	25,26	Several JShell tests report JUnit discovery warnings	PSU
JDK-8374525	25	RISC-V: Several masked float16 vector operations are not supported	PSU
JDK-8374555	21,25	No need for visible input warning in s.s.u.Password when not reading from System.in	PSU
JDK-8374642	17,21,25	EscapeHash macro fails with GNU make 4.3 and 4.4	PSU
JDK-8374644	25,26	Regression in GZIPInputStream performance after JDK-7036144	PSU
JDK-8374711	25	Hotspot runtime/CommandLine/OptionsValidation/TestOptionsWithRanges fails without printing the option name	PSU
JDK-8374872	25	Cleanup outdated SAP AG copyright header info	PSU
JDK-8374875	25	Improve perfMemory warning about 'Insufficient space for shared memory file'	PSU
JDK-8374899	8	[8u] Fully handle clang as the toolchain in flags.m4	PSU
JDK-8374917	8	[8u] C++ flags get passed to C compiles in the HotSpot build	PSU
JDK-8374948	8	[8u] saproc & jsig builds add duplicate linker flags on Darwin/MacOS	PSU
JDK-8375044	17,21,25	[CRaC] Structured engine options info	PSU
JDK-8375057	11,17,21,25,26	Update HarfBuzz to 12.3.2	PSU
JDK-8375063	26	Update Libpng to 1.6.54	PSU
JDK-8375094	25,26	RISC-V: Fix client builds after JDK-8368732	PSU
JDK-8375189	8	[8u] Problem list CAInterop.java#microsoftrsa2017	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8375231	25	Refactor util/ServiceLoader tests to use JUnit	PSU
JDK-8375232	25	Refactor util/StringJoiner tests to use JUnit	PSU
JDK-8375233	25	Refactor util/Vector tests to use JUnit	PSU
JDK-8375311	25	Some builds are missing debug helpers	PSU
JDK-8375530	17,21,25,26	PPC64: incorrect quick verify_method_data_pointer check causes poor performance in debug build	PSU
JDK-8375549	17,21,25	ConcurrentModificationException if jdk.crypto.disabledAlgorithms has multiple entries with known oid	PSU
JDK-8375598	25	VM crashes with "assert((labs(val) & 0xFFFFFFFF00000000) == 0 || dest == (address)-1) failed: must be 32bit offset or -1" when using too high value for NonNMethodCodeHeapSize	PSU
JDK-8375657	25,26	RISC-V: Need to check size in SharedRuntime::is_wide_vector	PSU
JDK-8375742	25	Test java/lang/invoke/MethodHandleProxies/Driver.java does not run Unnamed.java	PSU
JDK-8375963	25	[25u] Set designator DEFAULT_PROMOTED_VERSION_PRE=ea in jdk25u-dev	PSU
JDK-8375994	26	Change milestone to fcs for all releases	PSU
JDK-8375999	21,25	com/sun/jndi/ldap/LdapPoolTimeoutTest.java fails sporadically on Windows	PSU
JDK-8376225	8	[8u] GHA: Apply work-around for missing JNF for MacOSX builds	PSU
JDK-8376251	17,21	[macos] java/awt/Frame/I18NTitle.java fails on MacOS (JDK-8355884)	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8376270	17,21	[21u, 17u] Redo JDK-8361748: Enforce limits on the size of an XBM image	PSU
JDK-8376272	8	[8u] Windows x86-32 fails to build after JDK-8359501	PSU
JDK-8376338	8	Test7005594.sh fails when given a memory value with decimals	PSU
JDK-8376352	8	[8u] Build failure on Windows 32-bit after JDK-8362308	PSU
JDK-8376572	25	RISC-V: Interpreter: Load array index as signed int	PSU
JDK-8376688	25	Gtest os.attempt_reserve_memory_between_small_range_fill_hole_vm fails on AIX 7.3	PSU
JDK-8376889	25	Enhance JfrRecorder::on_create_vm_3() assert output	PSU
JDK-8376959	17,21,25,26	[CRaC] Turn simengine into shared library	PSU
JDK-8377173	17,21,25	[CRaC] Don’t set direct_map=true on checkpoint	PSU
JDK-8377177	17,21,25	[CRaC] Clarify engine use in the testsuite	PSU
JDK-8377344	8	[8u] Compilation failure on Windows for Linux-specific platform metric tests	PSU
JDK-8377347	25	jdk/jfr/event/gc/detailed/TestZAllocationStallEvent.java intermittent OOME	PSU
JDK-8377450	11	[11u] Tests using Text Blocks fail to compile	PSU
JDK-8377509	17,21,25	Add licenses for gcc 14.2.0	PSU
JDK-8377526	8,11,17,21,25,26	Update Libpng to 1.6.55	PSU
JDK-8377562	17,21,25,26	[CRaC] Add better logging to RemoteJmxTest	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8377811	25	[25u] G1: Optional Evacuations may evacuate pinned objects	PSU
JDK-8377898	25	Hotspot build on AIX with unused-functions warning reports some unused functions	PSU
JDK-8377905	17,21,25,26	gcc.md included with every build	PSU
JDK-8378113	25	Add sun/java2d/OpenGL/ScaleParamsOOB.java to the ProblemList.txt file	PSU
JDK-8378218	17,21,25	MSYS2 reports cygwin triplet causing bash configure failure	PSU
JDK-8378259	17,21,25,26	[CRaC] Tests using CRIU fail in GitHub Actions	PSU
JDK-8378353	25	[PPC64] StringCoding.countPositives causes errors when the length is not a proper 32 bit int	PSU
JDK-8378446	17,21,25,26	[CRaC] Replace libcrexec with libcriuengine	PSU
JDK-8378623	25,26	Use unique font names in FormatCharAdvanceTest	PSU
JDK-8378631	8,11,17,21,25	Update Zlib Data Compression Library to Version 1.3.2	PSU
JDK-8378821	17,21,25,26	[CRaC] Record & check CRaC engine	PSU
JDK-8378823	8,11,17,21,25	AIX build fails after zlib updated by JDK-8378631	PSU
JDK-8378853	21,25	[25u] Make backport of JDK-8244336 comply with differences in CSR	PSU
JDK-8378857	17,21,25,26	[CRaC] Expose checkpoint method in CRaCMXBean	PSU
JDK-8379256	8,11,17,21,25	Update GIFlib to 6.1.1	PSU
JDK-8379424	11	[11u] Update SSL tests using SSLEngineTemplate	PSU
JDK-8379664	17,21,25,26	[CRaC] Deprecate Core.getGlobalContext()	PSU
JDK-8380078	8,11,17,21,25	Update GIFlib to 6.1.2	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8380284	17,21,25,26	[CRaC] Deprecate Core.checkpointRestore()	PSU
JDK-8380959	8,11,17,21,25	Update Libpng to 1.6.56	PSU
JDK-8382047	8,11,17,21,25	Update Libpng to 1.6.57	PSU
JDK-8382374	11	[11u] Remove designator DEFAULT_PROMOTED_VERSION_PRE=ea for release 11.0.31	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-8278021	11,17	Fix warnings in macOS glass native code and treat warnings as errors	CPU,PSU
JDK-8295725	11	Update copyright header for files modified in 2022	CPU,PSU
JDK-8310582	11	Update copyright header for files modified in 2023	CPU,PSU
JDK-8318714	11	Update copyright header for files modified in 2023	CPU,PSU
JDK-8323879	11	constructor Path(Path) which takes another Path object fail to draw on canvas html	CPU,PSU
JDK-8336110	11,17	Update copyright header for files modified in 2024	CPU,PSU
JDK-8339335	8,11,17,21	set number of parallel jobs when building webkit	CPU,PSU
JDK-8339505	8,11,17,21	Enable parallel compilation of native code on macOS	CPU,PSU
JDK-8339515	11,17,21	[TestBug] Convert web tests to JUnit 5	CPU,PSU
JDK-8365763	11,17,21	Update copyright header for files modified in 2025	CPU,PSU
JDK-8365859	11,17,21	Update copyright header for files modified in 2025	CPU,PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8368572	8,11,17,21,25,26	Update WebKit to 623.1	CPU,PSU
JDK-8374153	8,11,17,21,25	Add a MAX_COMPILE_THREADS gradle property to limit number of threads	CPU,PSU
JDK-8374573	25	Update copyright header for files modified in 2025	CPU,PSU
JDK-8376282	8,11,17,21,25,26	[linux, macos] JavaFX fails to build WebKit in DebugNative	CPU,PSU
JDK-8377099	8,11,17,21,25,26	Additional WebKit 623.1 fixes from WebKitGTK 2.50.4	CPU,PSU
JDK-8377930	8,11,17,21,25,26	Additional WebKit 623.1 fixes from WebKitGTK 2.50.5	CPU,PSU
JDK-8380557	8,11,17,21,25,26	Additional WebKit 623.1 fixes from WebKitGTK 2.50.6	CPU,PSU
JDK-8154847	26	Rendering is incorrect or not visible with StageStyle.UNIFIED on some graphics cards	PSU
JDK-8362517	25	Update JavaFX release version for Jan 2026 CPU	PSU
JDK-8367045	25	[Linux] Dead keys not working	PSU
JDK-8371052	8,11,17	Update libFFI to 3.5.2	PSU
JDK-8374171	25	Change JavaFX release version to 25.0.3 in jfx25u	PSU
JDK-8375225	26	WebIObserverTest fails with WebKit 623.1	PSU
JDK-8375235	25	Create release notes for JavaFX 25.0.2	PSU
JDK-8376022	26	Change JavaFX release version to 26.0.1 in jfx26u	PSU
JDK-8377153	26	JavaFX FlowPane layout causing improper wrapping of TextFlow nodes with max-width styling	PSU
JDK-8377393	26	RichTextArea: failed to export null color attribute value	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-89121	21	Update JFX to zulu23.0.6.0.101+102	CPU
ZULU-89286	25	Update JFX to zulu25.0.2.0.101+101	CPU
ZULU-89290	17	Update JFX to zulu22.0.8.0.101+103	CPU
ZULU-86264	8,11,17	A few tests fail with java.security.AccessControlException: access denied ("java.util.PropertyPermission" "jdk.awt.Desktop.bypassBrowserForURI" "read")	CPU,PSU
ZULU-86264	21	A few tests fail with java.security.AccessControlException: access…	CPU,PSU
ZULU-88466	6,7	Update external FreeType to 2.14.2	CPU,PSU
ZULU-88483	8	Solaris builds are broken after JDK-8379158	CPU,PSU
ZULU-88497	6	Fix ReverseBuild.java test for Zulu6	CPU,PSU
ZULU-88609	6	Revert "8356294: Enhance Path Factories" in Zulu 6	CPU,PSU
ZULU-88610	6	Re-apply "8356294: Enhance Path Factories" in Zulu 6	CPU,PSU
ZULU-88627	25	Update JFX to zulu25.0.2.0.101+100	CPU,PSU
ZULU-88628	21	Update JFX to zulu23.0.6.0.101+100	CPU,PSU
ZULU-88629	17	Update JFX to zulu22.0.8.0.101+100	CPU,PSU
ZULU-88651	11	Update JFX to zulu19.0.14.0.101+100	CPU,PSU
ZULU-88784	6	NPE for Zulu6 during partial call to xjc	CPU,PSU
ZULU-88789	8	Update JFX to zulu8u491-b02	CPU,PSU
ZULU-89181	11	Update JFX to zulu19.0.14.0.101+101	CPU,PSU
ZULU-89191	8	Update JFX to zulu8u491-b04	CPU,PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-80923	17,21	Restore fails when a security manager is used	PSU
ZULU-81602	17,21,25	Make Warp the default engine	PSU
ZULU-82680	25	CRaC: CPUFeatures: Add/replace qemu-kvm with test farm iron allocation	PSU
ZULU-84081	21	compiler/gcbarriers/PreserveFPRegistersTest.java fails with exception	PSU
ZULU-84679	17,21,25	Zulu test for Warp encryption	PSU
ZULU-84696	8	Improve TestOverrideVMProperties	PSU
ZULU-85589	25	CRaC: WARP vs. CRIU warning vs. error on ignoring CPUFeatures	PSU
ZULU-85814	11,17,21,25	JTReg test testlibrary_tests/TestMutuallyExclusivePlatformPredicates.java failed on isZuluRefined method	PSU
ZULU-86278	8	Update criu lz4 library to v1.9.4	PSU
ZULU-86279	8	Update protobuf library to v3.15	PSU
ZULU-86281	17,21,25	Backport changes of JDK 27 CRaC merge into LTS CRaC	PSU
ZULU-86679	17,21,25,26	Remove S3 image bitmask handling in JVM	PSU
ZULU-86690	21	Failed gc/arguments/TestG1CompressedOops.java on zulu21-default 32bit platforms	PSU
ZULU-86719	8	Update to gcc 7.3 for zulu8 linux-aarch64 builds	PSU
ZULU-86776	17,21,25	[CRaC] Missing message in assert in vm_version_x86.cpp	PSU
ZULU-87194	8	zulu8.94.0.12 build failure after 8360869	PSU
ZULU-87199	11,17,21,25	Update hsdis to 1.0.2	PSU
ZULU-88234	21	Update JFX to zulu23.0.7+100	PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-88242	25	Fix dev BOMs in zulu25-crac	PSU
ZULU-88254	26	Don’t test warp in HelpFlagsTest & VersionCheck	PSU
ZULU-88313	26	Don’t load CRIU plugins	PSU
ZULU-88377	26	Exclude failed tests on zulu26-default	PSU
ZULU-88378	26	Exclude failed tests on zulu26-crac	PSU
ZULU-88380	26	Reduce amount of Dev builds in zulu26-default by adding dev-boms	PSU
ZULU-88383	25	Zulu 25 has outdated implementation of CracEngine::prepare_concurrent_api	PSU
ZULU-88407	17,21,25	Remove CRaC options that expire in April 2026	PSU
ZULU-88410	17,21	JDK_Version definition missing in zulu21-crac	PSU
ZULU-88465	21	Exclude test runtime/NMT/MallocLimitTest.java#global-limit-fatal	PSU
ZULU-88535	17,21,25,26	Use archived localstack container image	PSU
ZULU-88585	26	Fix dev BOMs in zulu26-crac	PSU
ZULU-88623	8	Remove Lucida fonts	PSU
ZULU-88797	8	QNX7.1 Java 8.94.0.14 crash at start	PSU
ZULU-88938	26	Update JFX to zulu26.0.1+101	PSU
ZULU-88948	25	Update JFX to zulu25.0.3+101	PSU
ZULU-88952	21	Update JFX to zulu23.0.7+102	PSU
ZULU-89180	8	Solaris builds are broken after JDK-8328999	PSU
ZULU-89210	17	Update JFX to zulu22.0.9+102	PSU
ZULU-89213	11	Update JFX to zulu19.0.15+101	PSU
ZULU-89214	8	Update JFX to zulu8u492-b02	PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-89377	8	aarch32 build failure after 8364465	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-88238	8,11,17,21,25,26	Update OSX devkit to 15.4	CPU,PSU
ZULU-88277	8,11,17,21,25,26	jfx build is killed on linux-x64 AWS node	CPU,PSU
ZULU-88319	8,11,17,21,25,26	Perl error on jfx build host: "uniq" is not exported by the List::Util module	CPU,PSU
ZULU-88363	11	jfx: Revert enabling of -Werror	CPU,PSU
ZULU-88400	8	jfx8: Fix WTF::URL compilation	CPU,PSU
ZULU-88778	8	zulujfx8u491-b01 test failure	CPU,PSU
ZULU-89039	8,11,17,21	Revert "ZULU-88277: jfx build is killed on linux-x64 AWS node"	CPU,PSU
ZULU-89046	8,11,17,21	Force limit a number of compile threads	CPU,PSU

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