



Azul Zulu builds of OpenJDK

January 2026 Quarterly Update

Release Notes

Revision 0.1

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Revision History

Revision	Date	Description
0.1	January 20, 2026	Initial version of the document.

Release Details

This release is the January 2026 quarterly update release for Azul Zulu Builds of OpenJDK version 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	
25.31.14 (SA)	CPU	25.0.1.0.101+1	25.30	25.0.1+8	25.0.1.0.101+100
25.32.17 (CA) 25.32.20 (SA)	PSU	25.0.2+10	25.31	25.0.1.0.101+1	25.0.2+100
21.47.14 (SA)	CPU	21.0.9.0.101+1	21.46	21.0.9+10	23.0.5.0.101+100
21.48.15 (CA) 21.48.16 (SA)	PSU	21.0.10+7	21.47	21.0.9.0.101+1	23.0.6+100
17.63.12 (SA)	CPU	17.0.17.0.101+1	17.62	17.0.17+10	22.0.7.0.101+100
17.64.15 (CA) 17.64.16 (SA)	PSU	17.0.18+8	17.63	17.0.17.0.101+1	22.0.8+100
11.85.12 (SA)	CPU	11.0.29.0.101+1	11.84	11.0.29+7	19.0.13.0.101+100
11.86.19 (CA) 11.86.20 (SA)	PSU	11.0.30+7	11.85	11.0.29.0.101+1	19.0.14+100
8.91.0.12 (SA)	CPU	8u481-b01	8.90	8u472-b08	8u481-b01
8.92.0.19 (CA) 8.92.0.20 (SA)	PSU	8u482-b08	8.91	8u481-b01	8u482-b01

7.83.0.12 (SA)	CPU	7u491-b01	7.81	7u481-b01	N/A
6.77.0.12 (SA)	CPU	6b177	6.75	6b175	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

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.

Image Encryption

The Subscriber Availability (SA) version of the [Warp engine](#) now supports encryption of checkpoint images. By default, the images contain application data, including environment variables and arguments, in plaintext. If this data contains secrets and the images are accessible to untrusted parties, you can encrypt the images to ensure the secrets stay hidden.

Usage instructions are available in the [CRaC Documentation > Using Image Encryption](#).

Alternative Images

A new feature in CRaC can automatically select the best CRaC image at restore. This brings a solution to modern cloud environments where a single checkpoint image may not be enough, for example:

- With Java portability, your application can run on different CPU architectures and generations.
- Sometimes the application might not be optimally warmed up before the checkpoint.
- The requirements might change over time.

In all these situations it is useful to generate more checkpoint images and select the best one during restore. More info and usage instructions are available in the [CRaC Documentation > Alternative Images](#).

Federal Information Processing Standards (FIPS)

To make Azul Zulu Builds of OpenJDK compliant with the US Federal Information

Processing Standards (FIPS), certain distributions for Java 8, 11, 17, and 21 include a module containing cryptographic algorithms (Bouncy Castle Crypto APIs).

Note: This change will have no impact if FIPS functionality is not required/implemented in your application. For more information about FIPS, check [Federal Information Processing Standards in Zulu](#).

New FIPS Configurations

The following new FIPS configurations are now available:

- Azul Zulu 17 JDK and JRE for Linux ARM 64-bit.
- Azul Zulu 25 in addition to Java 8, 11, 17, and 21.

CustomJSSE Changes

CustomJSSE (Java Secure Socket Extension (JSSE) provider) for Zulu 8 is no longer available, and Zulu 25 has been added to the supported versions.

CustomJSSE is a security JSSE provider for Zulu 17, 21, and 25. It is created on the basis of the Zulu SunJSSE provider to support external SSL Session Cache Provider, custom SSL session configuration, and has additional configuration parameters.

Enhanced Certificate Checking

This release adds a property that controls certificate verification using the Authority Information Access (AIA) extension: A list of valid issuers URIs can be specified in the `com.sun.security.allowedAIALocations` Security or System property.

This can affect applications that use the AIA extension feature because the default value of `com.sun.security.allowedAIALocations` is empty, which denies all issuers URIs by default.

See comments in `java.security` file for usage guidelines.

New Remote Method Invocation (RMI) Identification Control

A new property `jdk.rmi.ssl.client.enableEndpointIdentification` is now available to optionally relax SSL Endpoint Identification behavior. The default value is `true`. When the property is set to `false`, the identification is disabled.

This property may be useful for legacy RMI use-cases that do not work well when endpoint identification is enforced.

IANA Time Zone Data Version

This release of Azul Zulu comes with IANA Time Zone Database version **2025b**.

Notification of Upcoming Changes

Better Support for JVM Detection on macOS

Announced in October for this release, but postponed to the next release (April 2026).

Azul will change 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 planned to be removed. This will help macOS systems to detect installed Zulu versions.

Applications relying on a specific Zulu installation path, may be broken because of this change in the next release. Instructions will be provided on how to address this.

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
Windows (x86 32/64-bit)							
Windows Server 2025						 [1]	 [1]
Windows Server 2022						 [1]	 [1]
Windows Server 2019						 [1]	 [1]
Windows Server 2016						 [1]	 [1]
Windows 11						 [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]
RHEL 9.x	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
RHEL 8.x	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
RHEL 7.x	n/a	n/a	✓	✓	✓	n/a	n/a
SLES 15	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
SLES 12	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
CentOS Stream	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Ubuntu 24.04	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Ubuntu 22.04	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Ubuntu 20.04	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Ubuntu 18.04	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Debian 13	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Debian 12	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Debian 11	✓	✓	✓✓	✓✓	✓✓	✓✓ [1]	✓✓ [1]
Wind River 8.x	n/a	✓	✓	n/a	n/a	n/a	n/a

CoreOS	n/a	✓	✓	✓	✓	n/a	n/a
Alpine Linux 3.11 or later [3]	n/a	n/a	✓	✓	✓	✓	✓ [1] [3]
Wolfi Linux	n/a	n/a	n/a	n/a	n/a	✓	n/a
Amazon Linux 2023	n/a	n/a	✓	✓	✓	✓	✓ [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]
Wolfi Linux	n/a	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
Linux (ARM 32-bit Hard-Float)							
Ubuntu 18.04 [6]	n/a	n/a	✓	✓	✓	✓ [7]	✓ [7]
Raspberry Pi OS 10 (Buster) [6]	n/a	n/a	✓	✓	✓ [8]	✓ [7]	✓ [7]
Raspberry Pi OS 9 (Stretch) [6]	n/a	n/a	✓	✓	n/a	✓ [7]	✓ [7]

Linux with kernel 3.10.x and glibc 2.9 [6] [9]	n/a	n/a	✓	✓	n/a	✓ [7]	✓ [7]
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
Debian 7 Wheezy [12]	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
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
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
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
QNX							
QNX 7.0 ARMv7 32-bit Hard-Float ABI	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
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

Solaris 10	n/a	✓	✓	n/a	n/a	n/a	n/a
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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 Version					
	17		21		25	
	x86 64-bit	ARM 64-bit	x86 64-bit	ARM 64-bit	x86 64-bit	ARM 64-bit
Linux						
Alpine Linux 3.16						
Windows		n/a		n/a		n/a
macOS						

Fixed Issues

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

Fixed Common Vulnerabilities and Exposures

NOTE | The full CVE list will be available in V1.0 of this release notes document.

Non-CVE Security Fixes

NOTE

The full Non-CVE Security Fixes list will be available in V1.0 of this release notes document.

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-7102969	6,7	currency.properties supercede not working correctly	CPU,PSU
JDK-8157138	6,7	Error while fetching currency instance by	CPU,PSU
JDK-8317970	7,8,11,17,21	Bump target macosx-x64 version to 11.00.00	CPU,PSU
JDK-8368308	6,7	ISO 4217 Amendment 180 Update	CPU,PSU
JDK-4895924	11	Strings in format #rgb not handled by Color.decode() (affects CSS / Swing)	PSU
JDK-7124287	17	[macosx] JTableHeader doesn't get focus after pressing F8 key	PSU
JDK-7191877	17,21	TEST_BUG: java/rmi/transport/checkLeaseInfoLeak/CheckLeaseLeak.java failing intermittently	PSU
JDK-8023263	25	[TESTBUG] Test closed/java/awt/Focus/InactiveWindowTest/InactiveFocusRace fails due to not enough time to initialize graphic components	PSU
JDK-8072701	21	resume001 failed due to ERROR: timeout for waiting for a BreakpointEvent	PSU
JDK-8139228	17,21	JFileChooser renders file names as HTML document	PSU
JDK-8139392	17,21	JInternalFrame has incorrect padding	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8140527	17,21	JInternalFrame has incorrect title button width	PSU
JDK-8154043	8	Fields not reachable anymore by tab-key, because of new tabbing behaviour of radio button groups.	PSU
JDK-8162380	21,25	[TEST_BUG] MouseEvent/... /AltGraphModifierTest.java has only "Fail" button	PSU
JDK-8182577	8	Exception when Tab key moves focus to a JCheckbox with a custom ButtonModel	PSU
JDK-8193017	8	Import freetype sources into OpenJDK source tree	PSU
JDK-8199149	21	Improve the exception message thrown by VarHandle of unsupported operation	PSU
JDK-8201183	17,21	sjava build failures: "Connection attempt failed: Connection refused"	PSU
JDK-8201778	17,21,25	Speed up test javax/net/ssl/DTLS/PacketLossRetransmission.java	PSU
JDK-8204868	17,21	java/util/zip/ZipFile/TestCleaner.java still fails with "cleaner failed to clean zipfile."	PSU
JDK-8210807	17,21	Printing a JTable with a JScrollPane prints table without rows populated	PSU
JDK-8211804	8	Constant AO_UNUSED_MBZ uses left shift of negative value	PSU
JDK-8212155	8	Race condition when posting dynamic_code_generated event leads to JVM crash	PSU
JDK-8212678	8	Windows IME related patch	PSU
JDK-8213781	11	web page background renders blue in JEditorPane	PSU
JDK-8216437	21	PPC64: Add intrinsic for GHASH algorithm	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8219006	8	AArch64: Register corruption in slow subtype check	PSU
JDK-8219408	17,21	Tests should handle \${} in the view of jtreg "smart action"	PSU
JDK-8222362	8	Upgrade to Freetype 2.10.0	PSU
JDK-8224087	11	Compile C code for at least C99 Standard compliance	PSU
JDK-8227324	8	Upgrade to freetype 2.10.1	PSU
JDK-8230016	17,21	re-visit test sun/security/pkcs11/Serialize/SerializeProvider.java	PSU
JDK-8236907	17	JTable added to nested panels does not paint last visible row	PSU
JDK-8245545	11,17,21	Disable TLS_RSA cipher suites	PSU
JDK-8247867	8	Upgrade to freetype 2.10.2	PSU
JDK-8252329	17	runtime/LoadClass/TestResize.java timed out	PSU
JDK-8257709	11	C1: Double assignment in InstructionPrinter::print_stack	PSU
JDK-8257810	17	Only First page are printed in JTable.scrollRectToVisible	PSU
JDK-8258805	8	Japanese characters not entered by mouse click on Windows 10	PSU
JDK-8261170	8	Upgrade to FreeType 2.10.4	PSU
JDK-8263622	11	The java.awt.color.ICC_Profile#setData invert the order of bytes for the "head" tag	PSU
JDK-8264524	11	jdk/internal/platform/docker/TestDockerMemoryMetrics.java fails due to swapping not working	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8269668	8	[aarch64] java.library.path not including /usr/lib64	PSU
JDK-8270083	17	-Wnonnull errors happen with GCC 11.1.1	PSU
JDK-8271456	11	Avoid looking up standard charsets in "java.desktop" module	PSU
JDK-8274893	11	Update java.desktop classes to use try-with-resources	PSU
JDK-8277424	17,21	javax/net/ssl/TLSCommon/TLSSTest.java fails with connection refused	PSU
JDK-8277444	25	Data race between JvmtiClassFileReconstituter::copy_bytecodes and class linking	PSU
JDK-8279005	25	sun/tools/jstat tests do not check for test case exit codes after JDK-8245129	PSU
JDK-8280482	21	Window transparency bug on Linux	PSU
JDK-8281440	17	AWT: Conversion from string literal loses const qualifier	PSU
JDK-8281523	17	Accessibility: Conversion from string literal loses const qualifier	PSU
JDK-8281525	17	Enable Zc:strictStrings flag in Visual Studio build	PSU
JDK-8281682	17	Redundant .ico files in Windows app-image cause unnecessary bloat	PSU
JDK-8282047	17	Enhance StringDecode/Encode microbenchmarks	PSU
JDK-8283544	17	HttpClient GET method adds Content-Length: 0 header	PSU
JDK-8285686	8	Update FreeType to 2.12.0	PSU
JDK-8285915	17	failure_handler: gather the contents of /etc/hosts file	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8286159	17	Memory leak in getAllConfigs of awt_GraphicsEnv.c:585	PSU
JDK-8286447	17	[Linux] AWT should start in Headless mode if headful AWT library not installed	PSU
JDK-8287401	17	jpackage tests failing on Windows due to powershell issue	PSU
JDK-8288109	17	HttpExchangeImpl.setAttribute does not allow null value after JDK-8266897	PSU
JDK-8288180	17	C2: VectorPhase must ensure that SafePointNode memory input is a MergeMemNode	PSU
JDK-8290043	21	serviceability/attach/ConcAttachTest.java failed "guarantee(!CheckJNICalls) failed: Attached JNI thread exited without being detached"	PSU
JDK-8290334	8	Update FreeType to 2.12.1	PSU
JDK-8290557	17	tools/jpackage/share/AddLauncherTest.java#id1 failed with "ERROR: Failed: Check icon file"	PSU
JDK-8292043	17	Incorrect decoding near EOF for stateful decoders like UTF-16	PSU
JDK-8292214	17	Memory leak in getAllConfigs of awt_GraphicsEnv.c:386	PSU
JDK-8293672	8	Update freetype md file	PSU
JDK-8294314	17	Minimize disabled warnings in hotspot	PSU
JDK-8294591	17	Fix cast-function-type warning in TemplateTable	PSU
JDK-8294594	17	Fix cast-function-type warnings in signal handling code	PSU
JDK-8294680	17	Refactor scaled border rendering	PSU
JDK-8295301	11,17	Problem list TrayIcon tests that fail on Ubuntu 22.04	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8295991	17	java/net/httpclient/CancelRequestTest.java fails intermittently	PSU
JDK-8296489	17	tools/jpackage/windows/WinL10nTest.java fails with timeout	PSU
JDK-8297088	8	Update LCMS to 2.14	PSU
JDK-8297302	17	gtest/AsyncLogGtest.java fails AsyncLogTest.stdoutOutput_vm	PSU
JDK-8297531	17,21	sun/security/krb5/MicroTime.java fails with "Exception: What? only 100 musec precision?"	PSU
JDK-8297936	17	Use reachabilityFence to manage liveness in ClassUnload tests	PSU
JDK-8298974	8	Add ftcolor.c to imported freetype sources	PSU
JDK-8299278	17	tools/jpackage/share/AddLauncherTest.java#id1 failed AddLauncherTest.bug8230933	PSU
JDK-8299325	17	java/net/httpclient/CancelRequestTest.java fails "test CancelRequestTest.testGetSendAsync("https://localhost:46509/https1/x/same/interrupt", true, true)"	PSU
JDK-8299553	17	Make ScaledEtchedBorderTest.java comprehensive	PSU
JDK-8299748	11	java/util/zip/Deinflate.java failing on s390x	PSU
JDK-8300708	21	Some nsk jvmti tests fail with virtual thread wrapper due to jvmti missing some virtual thread support	PSU
JDK-8302838	17	jabswitch main() should avoid calling exit explicitly	PSU
JDK-8303089	17	[jittester] Add time limit to IRTree generation	PSU
JDK-8303959	17	tools/jpackage/share/RuntimePackageTest.java fails with java.lang.AssertionError missing files	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8304065	21	HttpServer.stop should terminate immediately if no exchanges are in progress	PSU
JDK-8304163	17	Move jdk.internal.module.ModuleInfoWriter to the test library	PSU
JDK-8304811	17,21,25	vmTestbase/vm/mlvm/indy/func/jvmti/stepBreakPopReturn/INDIFY_Test.java fails with JVMTI_ERROR_TYPE_MISMATCH	PSU
JDK-8305072	8	Win32ShellFolder2.compareTo is inconsistent	PSU
JDK-8305186	17,21	Reference.waitForReferenceProcessing should be more accessible to tests	PSU
JDK-8305567	17,21,25	serviceability/tmtools/jstat/GcTest01.java failed utils.JstatGcResults.assertConsistency	PSU
JDK-8305778	17	javax/swing/JTableHeader/6884066/bug6884066.java: Unexpected header's value; index = 4 value = E	PSU
JDK-8306579	21	Consider building with /Zc:throwingNew	PSU
JDK-8307160	21	Fix AWT/2D/A11Y to support the permissive- flag on the Microsoft Visual C compiler	PSU
JDK-8308633	17	Increase precision of timestamps in g1 log	PSU
JDK-8308780	17,21	Fix the Java Integer types on Windows	PSU
JDK-8309511	21	Regression test ExtralImportSemicolon.java refers to the wrong bug	PSU
JDK-8310049	17,21	Refactor Charset tests to use JUnit	PSU
JDK-8310915	17,21	Typo in aarch64.ad: "envcodings"	PSU
JDK-8311076	21	RedefineClasses doesn't check for ConstantPool overflow	PSU
JDK-8311588	17	C2: RepeatCompilation compiler directive does not choose stress seed randomly	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8311906	21	Improve robustness of String constructors with mutable array inputs	PSU
JDK-8313083	11	Print 'rss' and 'cache' as part of the container information	PSU
JDK-8313231	21	Redundant if statement in ZoneInfoFile	PSU
JDK-8313355	17	javax/management/remote/mandatory/notif/ListenerScaleTest.java failed with "Exception: Failed: ratio=792.2791601423487"	PSU
JDK-8313770	17,21	jdk/internal/platform/docker/TestSystemMetrics.java fails on Ubuntu	PSU
JDK-8314136	17	Test java/net/httpclient/CancelRequestTest.java failed: WARNING: tracker for HttpClientImpl(42) has outstanding operations	PSU
JDK-8314319	17	LogCompilation doesn't reset lateInlining when it encounters a failure.	PSU
JDK-8315990	21	Amend problemlisted tests to proper position	PSU
JDK-8316028	8	Update FreeType to 2.13.2	PSU
JDK-8316030	8	Update Libpng to 1.6.40	PSU
JDK-8316422	21	TestIntegerUnsignedDivMod.java triggers "invalid layout" assert in FrameValues::validate	PSU
JDK-8317132	21	Prepare HotSpot for permissive-	PSU
JDK-8317264	17	Pattern.Bound has <code>static</code> fields that should be <code>static final</code> .	PSU
JDK-8317332	21	Prepare security for permissive-	PSU
JDK-8317801	25	java/net/Socket/asyncClose/Race.java fails intermittently (aix)	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8318467	17,21	[jmh] tests concurrent.Queues and concurrent.ProducerConsumer hang with 101+ threads	PSU
JDK-8318613	17	ChoiceFormat patterns are not well tested	PSU
JDK-8318730	17,21	MonitorVmStartTerminate.java still times out after JDK-8209595	PSU
JDK-8318850	21	Duplicate code in the LCMSImageLayout	PSU
JDK-8319570	21	Change to GCC 13.2.0 for building on Linux at Oracle	PSU
JDK-8319822	21	Use a linear-time algorithm for assert_different_registers()	PSU
JDK-8320049	21	PKCS10 would not discard the cause when throw SignatureException on invalid key	PSU
JDK-8320577	21	Improve MessageHeader's toString() function to make HttpURLConnection's debug log readable	PSU
JDK-8320836	17,21,25	jtreg gtest runs should limit heap size	PSU
JDK-8321180	21	Condition for non-latin1 string size too large exception is off by one	PSU
JDK-8321183	21	Incorrect warning from cds about the modules file	PSU
JDK-8321514	21	UTF16 string gets constructed incorrectly from codepoints if CompactStrings is not enabled	PSU
JDK-8322018	21	Test java/lang/String/CompactString/MaxSizeUTF16String.java fails with -Xcomp	PSU
JDK-8322135	17,21	Printing JTable in Windows L&F throws InternalError: HTHEME is null	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8322140	17,21	javax/swing/JTable/JTableScrollPrintTest.java does not print the rows and columns of the table in Nimbus and Aqua LookAndFeel	PSU
JDK-8323803	21	ConstantOopReadValue::print_on should print 'null' instead of 'nullptr'	PSU
JDK-8324065	17,21	Daylight saving information for Africa/Casablanca are incorrect	PSU
JDK-8324491	17,21	Keyboard layout didn't keep its state if it was changed when dialog was active	PSU
JDK-8324861	17	Exceptions::wrap_dynamic_exception() doesn't have ResourceMark	PSU
JDK-8325277	21	[21u] Backout test change of JDK-8291809	PSU
JDK-8325530	21	Vague error message when com.sun.tools.attach.VirtualMachine fails to load agent library	PSU
JDK-8325590	21	Regression in round-tripping UTF-16 strings after JDK-8311906	PSU
JDK-8325647	17,21	[IR framework] Only prints stdout if exitCode is 134	PSU
JDK-8325731	21	Installation instructions for Debian/Ubuntu don't mention autoconf	PSU
JDK-8325766	17,21,25	Extend CertificateBuilder to create trust and end entity certificates programmatically	PSU
JDK-8327071	17	[Testbug] g-tests for cgroup leave files in /tmp on linux	PSU
JDK-8327180	17	Failed: java/io/ObjectStreamClass/ObjectStreamClassCaching.java#G1	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8327434	17,21	Test java/util/PluggableLocale/TimeZoneNameProviderTest.java timed out	PSU
JDK-8327704	21	Update nsk/jdi tests to use driver instead of othervm	PSU
JDK-8327748	17	Convert javax/swing/JFileChooser/6798062/bug6798062.java applet test to main	PSU
JDK-8327757	17,21	Convert javax/swing/JSlider/6524424/bug6524424.java applet to main	PSU
JDK-8327856	17,21	Convert applet test SpanishDiacriticsTest.java to a main program	PSU
JDK-8327980	17,21	Convert javax/swing/JToggleButton/4128979/bug4128979.java applet test to main	PSU
JDK-8328124	17,21	Convert java/awt/Frame/ShownOnPack/ShownOnPack.html applet test to main	PSU
JDK-8328247	17,21	Remove redundant dir for tests converted from applet to main	PSU
JDK-8328299	17,21	Convert DnDFileGroupDescriptor.html applet test to main	PSU
JDK-8328377	17,21	Convert java/awt/Cursor/MultiResolutionCursorTest test to main	PSU
JDK-8328562	17,21	Convert java/awt/InputMethods/DiacriticsTest/DiacriticsTest.java applet test to main	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8329004	8	Update Libpng to 1.6.43	PSU
JDK-8331231	17,21	containers/docker/TestContainerInfo.java fails	PSU
JDK-8331977	17	Crash: SIGSEGV in dlerror()	PSU
JDK-8332271	17	Reading data from the clipboard from multiple threads crashes the JVM	PSU
JDK-8333200	21	Test containers/docker/TestPids.java fails Limit value -1 is not accepted as unlimited	PSU
JDK-8333526	17,21,25	Restructure java/nio/channels/DatagramChannel/StressNative Signal.java to a fail fast exception handling policy	PSU
JDK-8333569	17,21	jpackage tests must run app launchers with retries on Linux only	PSU
JDK-8333783	17,21,25	java/nio/channels/FileChannel/directio/DirectIOTest.java is unstable with AV software	PSU
JDK-8334217	21	[AIX] Misleading error messages after JDK-8320005	PSU
JDK-8334238	25	Enhance AddLShortcutTest jpackage test	PSU
JDK-8334509	21	Cancelling PageDialog does not return the same PageFormat object	PSU
JDK-8334756	21	javac crashed on call to non-existent generic method with explicit annotated type arg	PSU
JDK-8334771	17,21	[TESTBUG] Run TestDockerMemoryMetrics.java with -Xcomp fails exitValue = 137	PSU
JDK-8335986	17,21,25	Test javax/swing/JCheckBox/4449413/bug4449413.java fails on Windows 11 x64 because RBMenuItem's and CBMenuItem's checkmark on the left side are not visible	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8336451	11	[11u] GHA macos-13 and macos-15 builders are unable to resolve local hostname	PSU
JDK-8336854	11	CAInterop.java#actalisauthenticationrootca conflicted with /manual and /timeout	PSU
JDK-8337723	17,21	Remove redundant tests from com/sun/security/sasl/gsskerb	PSU
JDK-8338428	17,21	Add logging of final VM flags while setting properties	PSU
JDK-8338740	17,21	java/net/httpclient/HttpsTunnelAuthTest.java fails with java.io.IOException: HTTP/1.1 header parser received no bytes	PSU
JDK-8339280	8,11,17,21	jarsigner -verify performs cross-checking between CEN and LOC	PSU
JDK-8339366	17,21	[jittestster] Make it possible to generate tests without execution	PSU
JDK-8339386	17	Assertion on AIX - original PC must be in the main code section of the compiled method	PSU
JDK-8339962	17	Open source AWT TextField tests - Set1	PSU
JDK-8340015	17,21	Open source several AWT focus tests - series 7	PSU
JDK-8340321	17,21	Disable SHA-1 in TLS/DTLS 1.2 handshake signatures	PSU
JDK-8340354	17,21	Open source AWT desktop properties and print related tests	PSU
JDK-8341097	17,21	GHA: Demote Mac x86 jobs to build only	PSU
JDK-8341131	17,21	Some jdk/jfr/event/compiler tests shouldn't be executed with Xcomp	PSU
JDK-8341138	17,21	Rename jtreg property docker.support as container.support	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8341443	21	[macos] AppContentTest and SigningOptionsTest failed due to "codesign" does not fails with "--app-content" on macOS 15	PSU
JDK-8341861	11,17	GHA: Use only retention mechanism to remove bundles	PSU
JDK-8341964	11	Add mechanism to disable different parts of TLS cipher suite	PSU
JDK-8342576	21	[macos] AppContentTest still fails after JDK-8341443 for same reason on older macOS versions	PSU
JDK-8342582	21	user.region for formatting number no longer works for 21.0.5	PSU
JDK-8342782	17	AWTEventMulticaster throws StackOverflowError using AquaButtonUI	PSU
JDK-8342934	21	TYPE_USE annotations printed with error causing "," in toString output	PSU
JDK-8343191	21	Cgroup v1 subsystem fails to set subsystem path	PSU
JDK-8343218	25	Add option to disable allocating interface and abstract classes in non-class metaspace	PSU
JDK-8343314	17	Move common properties from jpackage jtreg test declarations to TEST.properties file	PSU
JDK-8343340	17,21	Swapping checking do not work for MetricsMemoryTester failcount	PSU
JDK-8343546	25	GHA: Cache required dependencies in master-branch workflow	PSU
JDK-8343875	17,21	Minor improvements of jpackage test library	PSU
JDK-8343876	21	Enhancements to jpackage test lib	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8344143	21	Test jdk/java/lang/Thread/virtual/stress/GetStackTraceALotWhenPinned.java timed out on macosx-x64	PSU
JDK-8344275	17	tools/jpackage/windows/Win8301247Test.java fails on localized Windows platform	PSU
JDK-8344326	17	Move jpackage tests from "jdk.jpackage.tests" package to the default package	PSU
JDK-8344577	21	Virtual thread tests are timing out on some macOS systems	PSU
JDK-8345213	17,21	JVM Prefers /etc/timezone Over /etc/localtime on Debian 12	PSU
JDK-8345358	8	Some DLL Files are missing Windows Properties	PSU
JDK-8345810	25	Custom launchers must be linked with pthread to avoid dynamic linker issues	PSU
JDK-8346142	21	[perf] scalability issue for the specjvm2008::xml.validation workload	PSU
JDK-8346234	17,21	javax/swing/text/DefaultEditorKit/4278839/bug4278839.java still fails in CI	PSU
JDK-8346753	17,21,25	Test javax/swing/JMenuItem/RightToLeftOrientation/RightToLeftOrientation.java fails on Windows Server 2025 x64 because the icons of JMenuItem and JMenuItem are not visible in NimbusLookAndFeel	PSU
JDK-8346839	17,21,25	[TESTBUG] "java/awt/textfield/setechochartest4/setechochartest4.java" failed because the test frame disappears on clicking "Click Several Times" button	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8346875	17,21	Test jdk/jdk/jfr/event/os/TestCPULoad.java fails on macOS	PSU
JDK-8346884	25	Add since checker test to jdk.editpad	PSU
JDK-8346929	17	runtime/ClassUnload/DictionaryDependsTest.java fails with "Test failed: should be unloaded"	PSU
JDK-8346952	25	GetGraphicsStressTest.java fails: Native resources unavailable	PSU
JDK-8347129	11,17	cpuset cgroups controller is required for no good reason	PSU
JDK-8347143	21	[aix] Fix strdup use in os::dll_load	PSU
JDK-8347277	17,21,25	java/awt/Focus/ComponentLostFocusTest.java fails intermittently	PSU
JDK-8347300	17,21	Don't exclude the "PATH" var from the environment when running app launchers in jpackage tests	PSU
JDK-8347377	17,21	Add validation checks for ICC_Profile header fields	PSU
JDK-8347381	11	Upgrade jQuery UI to version 1.14.1	PSU
JDK-8347434	21	Richer VM operations events logging	PSU
JDK-8347811	21	Container detection code for cgroups v2 should use cgroup.controllers	PSU
JDK-8347826	17	Introspector shows wrong method list after 8071693	PSU
JDK-8347841	17,21	Test fixes that use deprecated time zone IDs	PSU
JDK-8347911	11	Limit the length of inflated text chunks	PSU
JDK-8348402	21	PerfDataManager stalls shutdown for 1ms	PSU
JDK-8348596	8	Update FreeType to 2.13.3	PSU
JDK-8348598	8	Update Libpng to 1.6.47	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8349188	17,21,25	LineBorder does not scale correctly	PSU
JDK-8349534	17,21	Refactor jdk/sun/security/krb5/runNameEquals.sh to java test	PSU
JDK-8349705	21	java.net.URI.scanIPv4Address throws unnecessary URISyntaxException	PSU
JDK-8349988	21	Change cgroup version detection logic to not depend on /proc/cgroups	PSU
JDK-8350102	17,21	Decouple jpackage test-lib Executor.Result and Executor classes	PSU
JDK-8350106	17	[PPC] Avoid ticks_unknown_not_Java AsyncGetCallTrace() if JavaFrameAnchor::_last_Java_pc not set	PSU
JDK-8350621	25	Code cache stops scheduling GC	PSU
JDK-8350623	21	Fix -Wzero-as-null-pointer-constant warnings in nsk native test utilities	PSU
JDK-8350813	11,17,21	Rendering of bulky sound bank from MIDI sequence can cause OutOfMemoryError	PSU
JDK-8351110	21	ImageIO.write for JPEG can write corrupt JPEG for certain thumbnail dimensions	PSU
JDK-8351359	21	OperatingSystemMXBean: values from getCpuLoad and getProcessCpuLoad are stale after 24.8 days (Windows)	PSU
JDK-8351382	21	New test containers/docker/TestMemoryWithSubgroups.java is failing	PSU
JDK-8351487	25	[ubsan] jvmti.h runtime error: load of value which is not a valid value	PSU
JDK-8351567	17,21	Jar Manifest test ValueUtf8Coding produces misleading diagnostic output	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8351933	11	Inaccurate masking of TC subfield decrement in ForkJoinPool	PSU
JDK-8352016	21,25	Improve java/lang/RuntimeTests/RuntimeExitLogTest.java	PSU
JDK-8352533	21	Report useful IOExceptions when jspawnhelper fails	PSU
JDK-8352678	17,21	Opensource few JMenuItems tests	PSU
JDK-8352682	17,21	Opensource JComponent tests	PSU
JDK-8352686	17,21	Opensource JInternalFrame tests - series3	PSU
JDK-8352687	17,21	Opensource few JInternalFrame and JTextField tests	PSU
JDK-8352793	17,21	Open source several AWT TextComponent tests - Batch 1	PSU
JDK-8352800	17	[PPC] OpenJDK fails to build on PPC after JDK-8350106	PSU
JDK-8352865	17,21	Open source several AWT TextComponent tests - Batch 2	PSU
JDK-8352905	17,21	Open some JComboBox bugs 1	PSU
JDK-8352926	21	New test TestDockerMemoryMetricsSubgroup.java fails	PSU
JDK-8352966	17,21	Opensource Several Font related tests - Batch 2	PSU
JDK-8352997	17,21	Open source several Swing JTabbedPane tests	PSU
JDK-8353007	17,21	Open some JComboBox bugs 2	PSU
JDK-8353011	17,21	Open source Swing JButton tests - Set 1	PSU
JDK-8353013	21	java.net.URI.create(String) may have low performance to scan the host/domain name from URI string when the hostname starts with number	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8353201	17,21	Open source Swing Tooltip tests - Set 2	PSU
JDK-8353299	8,11,17,21	VerifyJarEntryName.java test fails	PSU
JDK-8353309	17,21	Open source several Swing text tests	PSU
JDK-8353319	17,21	Open source Swing tests - Set 3	PSU
JDK-8353445	17,21	Open source several AWT Menu tests - Batch 1	PSU
JDK-8353470	17,21	Clean up and open source couple AWT Graphics related tests (Part 2)	PSU
JDK-8353483	17,21	Open source some JProgressBar tests	PSU
JDK-8353486	17,21	Open source Swing Tests - Set 4	PSU
JDK-8353585	17,21	Provide ChoiceFormat#parse(String, ParsePosition) tests	PSU
JDK-8353586	17,21	Open source several toolkit tests	PSU
JDK-8353589	17,21	Open source a few Swing menu-related tests	PSU
JDK-8353592	17,21	Open source several scrollbar tests	PSU
JDK-8353661	17,21	Open source several swing tests batch5	PSU
JDK-8353832	17,21	Opensource FontClass, Selection and Icon tests	PSU
JDK-8353950	17	Clipboard interaction on Windows is unstable	PSU
JDK-8353953	21	com/sun/jdi tests should be fixed to not always require includevirtualthreads=y	PSU
JDK-8353957	17,21	Open source several AWT ScrollPane tests - Batch 1	PSU
JDK-8353958	17,21	Open source several AWT ScrollPane tests - Batch 2	PSU
JDK-8354095	17,21	Open some JTable bugs 5	PSU
JDK-8354106	17,21	Clean up and open source KeyEvent related tests (Part 2)	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8354214	17,21	Open source Swing tests Batch 2	PSU
JDK-8354233	17,21	Open some JTable bugs 6	PSU
JDK-8354235	17,21	Test javax/net/ssl/SSLSocket/Tls13PacketSize.java failed with java.net.SocketException: An established connection was aborted by the software in your host machine	PSU
JDK-8354248	17,21	Open source several AWT GridBagLayout and List tests	PSU
JDK-8354340	17,21	Open source Swing Tests - Set 6	PSU
JDK-8354341	17,21	Open some JTable bugs 7	PSU
JDK-8354348	25	Enable Extended EVEX to REX2/REX demotion for commutative operations with same dst and src2	PSU
JDK-8354365	17,21	Opensource few Modal and Full Screen related tests	PSU
JDK-8354415	25	[Ubuntu25.04] api/java_awt/GraphicsDevice/indexTGF.html#SetD isplayMode - setDisplayMode_REFRESH_RATE_UNKNOWN fails: Height is different on vnc	PSU
JDK-8354418	17,21	Open source Swing tests Batch 4	PSU
JDK-8354447	25	Missing test for retroactive @SuppressWarnings("dangling-doc-comments") behavior	PSU
JDK-8354451	17,21	Open source some more Swing popup menu tests	PSU
JDK-8354465	17,21	Open some JTable bugs 8	PSU
JDK-8354466	17,21	Open some misc Swing bugs 9	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8354472	17,21	Clean up and open source KeyEvent related tests (Part 3)	PSU
JDK-8354475	21	TestDockerMemoryMetricsSubgroup.java fails with exitValue = 1	PSU
JDK-8354493	17,21	Opensource Several MultiScreen and Insets related tests	PSU
JDK-8354495	17,21	Open source several AWT DataTransfer tests	PSU
JDK-8354532	17,21	Open source JFileChooser Tests - Set 7	PSU
JDK-8354552	17,21	Open source a few Swing tests	PSU
JDK-8354553	17,21	Open source several clipboard tests batch0	PSU
JDK-8354561	17,21	Open source several swing tests batch0	PSU
JDK-8354646	17,21,25	java.awt.TextField allows to identify the spaces in a password when double clicked at the starting and end of the text	PSU
JDK-8354653	17,21	Clean up and open source KeyEvent related tests (Part 4)	PSU
JDK-8354701	17,21	Open source few JToolTip tests	PSU
JDK-8354873	17,21	javax/swing/plaf/metal/MetalIconFactory/bug4952462.java failing on CI	PSU
JDK-8354928	17,21	Clean up and open source some miscellaneous AWT tests	PSU
JDK-8354941	8,11	Build failure with glibc 2.42 due to uabs() name collision	PSU
JDK-8355071	21	Fix nsk/jdi test to not require lookup of main thread in order to set the breakpoint used for communication	PSU
JDK-8355077	17,21	Compiler error at splashscreen_gif.c due to unterminated string initialization	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8355241	21	Move NativeDialogToFrontBackTest.java PL test to manual category	PSU
JDK-8355333	17,21	Some Problem list entries point to non-existent / wrong files	PSU
JDK-8355387	17,21	[jittester] Disable downcasts by default	PSU
JDK-8355444	17,21	[java.io] Use @requires tag instead of exiting based on "os.name" property value	PSU
JDK-8355478	17,21,25	DoubleActionESC.java fails intermittently	PSU
JDK-8355528	11	Update HarfBuzz to 11.2.0	PSU
JDK-8355558	17,21	SJIS.java test is always ignored	PSU
JDK-8355561	17,21	[macos] Build failure with Xcode 16.3	PSU
JDK-8355569	21	Some nsk/jdi tests can glean the "main" thread by using the ClassPrepareEvent for the debuggee main class	PSU
JDK-8355773	21	Some nsk/jdi tests can fetch ThreadReference from static field in the debuggee	PSU
JDK-8356023	21	Some nsk/jdi tests can fetch ThreadReference from static field in the debuggee: part 2	PSU
JDK-8356040	17,21	java/util/PluggableLocale/LocaleNameProviderTest.java timed out	PSU
JDK-8356145	17,21	ListEnterExitTest.java fails on macos	PSU
JDK-8356187	17,21	TestJcmd.java may incorrectly parse podman version	PSU
JDK-8356324	25	JVM crash (SIGSEGV at ClassListParser::resolve_indy_impl) during -Xshare:dump starting from 21.0.5	PSU
JDK-8356588	21	Some nsk/jdi tests can fetch ThreadReference from static field in the debuggee: part 3	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8356752	17,21	Log mouse enter and exit events for debugging	PSU
JDK-8356811	21	Some nsk/jdi tests can fetch ThreadReference from static field in the debuggee: part 4	PSU
JDK-8356897	17,21,25	Update NSS library to 3.111	PSU
JDK-8357064	25	cds/appcds/ArchiveRelocationTest.java failed with missing expected output	PSU
JDK-8357141	25	Update to use jreg 7.5.2	PSU
JDK-8357172	21	Extend try block in nsk/jdi tests to capture exceptions thrown by Debuggee.classNameBy()	PSU
JDK-8357305	17,21	Compilation failure in javax/swing/JMenuItem/bug6197830.java	PSU
JDK-8357382	25	runtime/cds/appcds/aotClassLinking/BulkLoaderTest.java#aot fails with Xcomp and C1	PSU
JDK-8357396	25	Refactor nmethod::make_not_entrant to use Enum instead of "const char*"	PSU
JDK-8357561	17,21	BootstrapLoggerTest does not work on Ubuntu 24 with LANG de_DE.UTF-8	PSU
JDK-8357657	11	[11u][windows] cannot stat '/jdk.crypto.ec/*': No such file or directory	PSU
JDK-8357675	17	Amend headless message	PSU
JDK-8357691	25	File blocked.certs contains bad content when boot jdk 25 is used, sun/security/lib/CheckBlockedCerts.java failing	PSU
JDK-8357694	25	RISC-V: Several IR verification tests fail when vlen=128	PSU
JDK-8357799	17,21,25	Improve instructions for JFileChooser/HTMLFileName.java	PSU
JDK-8357816	25	Add test from JDK-8350576	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8357822	17,21,25	C2: Multiple string optimization tests are no longer testing string concatenation optimizations	PSU
JDK-8357882	21	Use UTF-8 encoded data in LocaleDataTest	PSU
JDK-8357959	25	(bf) ByteBuffer.allocateDirect initialization can result in large TTSP spikes	PSU
JDK-8358004	11	Delete applications/scimark/Scimark.java test	PSU
JDK-8358048	17,21,25	java/net/httpclient/HttpsTunnelAuthTest.java incorrectly calls Thread::stop	PSU
JDK-8358334	17	C2/Shenandoah: incorrect execution with Unsafe	PSU
JDK-8358340	25	Support CDS heap archive with Generational Shenandoah	PSU
JDK-8358532	17,21,25	JFileChooser in GTK L&F still displays HTML filename	PSU
JDK-8358535	25	Changes in ClassValue (JDK-8351996) caused a 1-9% regression in Renaissance-PageRank	PSU
JDK-8358556	25	Assert when running with -XX:-UseLibmIntrinsic	PSU
JDK-8358577	21	Test serviceability/jvmti/thread/GetCurrentContendedMonitor/contmon01/contmon01.java failed: unexpexcted monitor object	PSU
JDK-8358679	21	[asan] vmTestbase/nsk/jvmti tests show memory issues	PSU
JDK-8358685	25	[TEST] AOTLoggingTag.java failed with missing log message	PSU
JDK-8358697	25	TextLayout/MyanmarTextTest.java passes if no Myanmar font is found	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8358701	17	Remove misleading javax.management.remote API doc wording about JMX spec, and historic link to JMXMP	PSU
JDK-8358723	25	jpackage signing issues: the main launcher doesn't have entitlements	PSU
JDK-8358748	17,21,25	Large page size initialization fails with assert "page_size must be a power of 2"	PSU
JDK-8358751	17,21,25	C2: Recursive inlining check for compiled lambda forms is broken	PSU
JDK-8358764	17,21	(sc) SocketChannel.close when thread blocked in read causes connection to be reset (win)	PSU
JDK-8358813	17,21,25	JPasswordField identifies spaces in password via delete shortcuts	PSU
JDK-8359061	17,21,25	Update and ProblemList manual test java/awt/Cursor/CursorDragTest/ListDragCursor.java	PSU
JDK-8359104	25	gc/TestAlwaysPreTouchBehavior.java#<gcname> fails on Linux	PSU
JDK-8359105	25	RISC-V: No need for acquire fence in safepoint poll during JNI calls	PSU
JDK-8359127	25	Amend java/nio/channels/DatagramChannel/PromiscuousIPv6.java to use @requires for OS platform selection	PSU
JDK-8359167	17,21,25	Remove unused test/hotspot/jtreg/vmTestbase/nsk/share/jpda/BindServer.java	PSU
JDK-8359182	17,21	Use @requires instead of SkippedException for MaxPath.java	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8359207	17,21,25	Remove runtime/signal/TestSigusr2.java since it is always skipped	PSU
JDK-8359402	11,17	Test CloseDescriptors.java should throw SkippedException when there is no Isof/sctp	PSU
JDK-8359418	17,21	Test "javax/swing/text/GlyphView/bug4188841.java" failed because the phrase of text pane does not match the instructions	PSU
JDK-8359423	25	Improve error message in case of missing jsa shared archive	PSU
JDK-8359428	17,21,25	Test 'javax/swing/JTabbedPane/bug4499556.java' failed because after selecting one of L&F items, the test case automatically failed when clicking on L&F Menu button again	PSU
JDK-8359449	17,21,25	[TEST] open/test/jdk/java/io/File/SymLinks.java Refactor extract method for Windows specific test	PSU
JDK-8359477	17,21,25	com/sun/net/httpserver/Test12.java appears to have a temp file race	PSU
JDK-8359687	17,21,25	Use PassFailJFrame for java/awt/print/Dialog/DialogType.java	PSU
JDK-8359690	25	New test TestCPUTimeSampleThrottling still fails intermittently	PSU
JDK-8359735	25	[Ubuntu 25.10] java/lang/ProcessBuilder/Basic.java, java/lang/ProcessHandle/InfoTest.java fail due to rust-coreutils	PSU
JDK-8359827	25	Test runtime/Thread/ThreadCountLimit.java need loop increasing the limit	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8360022	17,21,25	ClassRefDuplnConstantPoolTest.java fails when running in repeat	PSU
JDK-8360090	25	[TEST] RISC-V: disable some cds tests on qemu	PSU
JDK-8360178	17,21,25	TestArguments.atojulong gtest has incorrect format string	PSU
JDK-8360219	25	[AIX] assert(locals_base >= l2) failed: bad placement	PSU
JDK-8360255	25	runtime/jni/checked/TestLargeUTF8Length.java fails with -XX:-CompactStrings	PSU
JDK-8360288	17,21	Shenandoah crash at size_given_klass in op_degenerated	PSU
JDK-8360408	17,21,25	[TEST] Use @requires tag instead of exiting based on "os.name" property value for sun/net/www/protocol/file/FileURLTest.java	PSU
JDK-8360411	17,21,25	[TEST] open/test/jdk/java/io/File/MaxPathLength.java Refactor extract method to encapsulate Windows specific test logic	PSU
JDK-8360478	21	libjsig related tier3 jtreg tests fail when asan is configured	PSU
JDK-8360518	25	Docker tests do not work when asan is configured	PSU
JDK-8360520	25	RISC-V: C1: Fix primitive array clone intrinsic regression after JDK-8333154	PSU
JDK-8360533	21	ContainerRuntimeVersionTestUtils fromVersionString fails with some docker versions	PSU
JDK-8360664	25	Null pointer dereference in src/hotspot/share/prims/jvmtiTagMap.cpp in IterateOverHeapObjectClosure::do_object()	PSU
JDK-8360783	25	CTW: Skip deoptimization between tiers	PSU

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JDK-8360791	25	[ubsan] Adjust signal handling	PSU
JDK-8360867	25	CTW: Disable inline cache verification	PSU
JDK-8360981	21,25	Remove use of Thread.stop in test/jdk/java/net/Socket/DeadlockTest.java	PSU
JDK-8361112	25	Use exact float → Float16 conversion method in Float16 tests	PSU
JDK-8361180	25	Disable CompiledDirectCall verification with -VerifyInlineCaches	PSU
JDK-8361198	25	[AIX] fix misleading error output in thread_cpu_time_unchecked	PSU
JDK-8361211	25	C2: Final graph reshaping generates unencodeable klass constants	PSU
JDK-8361215	25	Add AOT test case: verification constraint classes are excluded	PSU
JDK-8361253	17,21,25	CommandLineOptionTest library should report observed values on failure	PSU
JDK-8361255	25	CTW: Tolerate more NCD FE problems	PSU
JDK-8361298	17,21,25	SwingUtilities/bug4967768.java fails where character P is not underline	PSU
JDK-8361314	17,21,25	Test serviceability/jvmti/VMEvent/MyPackage/VMEventRecursionTest.java FATAL ERROR in native method: Failed during the GetClassSignature call	PSU
JDK-8361367	25	AOT ExcludedClasses.java test failed with missing constant pool logs	PSU
JDK-8361423	17,21,25	Add IPSupport::printPlatformSupport to java/net/NetworkInterface/IPv4Only.java	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8361447	17,21	[REDO] Checked version of JNI Release<type>ArrayElements needs to filter out known wrapped arrays	PSU
JDK-8361449	25	RISC-V: Code cleanup for native call	PSU
JDK-8361478	25	GHA: Use MSYS2 from GHA runners	PSU
JDK-8361494	25	[IR Framework] Escape too much in replacement of placeholder	PSU
JDK-8361497	25	Scoped Values: orElse and orElseThrow do not access the cache	PSU
JDK-8361504	25	RISC-V: Make C1 clone intrinsic platform guard more specific	PSU
JDK-8361520	25	Stabilize SystemGC benchmarks	PSU
JDK-8361599	21,25	[PPC64] enable missing tests via jtreg requires	PSU
JDK-8361711	25	Add library name configurability to PKCS11Test.java	PSU
JDK-8361748	17,21,25	Enforce limits on the size of an XBM image	PSU
JDK-8361751	17,21	Test sun/tools/jcmd/TestJcmdSanity.java timed out on Windows	PSU
JDK-8361754	17,21	New test runtime/jni/checked/TestCharArrayReleasing.java can cause disk full errors	PSU
JDK-8361839	25	Problemist BogusFocusableWindowState due to failures in the CI pipeline	PSU
JDK-8361868	21,25	[GCC static analyzer] complains about missing calloc - NULL checks in p11_util.c	PSU
JDK-8361871	17,21,25	[GCC static analyzer] complains about use of uninitialized value ckpObject in p11_util.c	PSU

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JDK-8361888	25	[GCC static analyzer] ProcessImpl_md.c Java_java_lang_ProcessImpl_forkAndExec error: use of uninitialized value *(ChildStuff *)p.mode	PSU
JDK-8361892	25	AArch64: Incorrect matching rule leading to improper oop instruction encoding	PSU
JDK-8361897	25	gc/z/TestUncommit.java fails with Uncommitted too slow	PSU
JDK-8361948	25	Shenandoah: region free capacity unit mismatch	PSU
JDK-8361950	25	Update to use jreg 8	PSU
JDK-8361959	25	[GCC static analyzer] java_props_md.c leak of 'temp' variable is reported	PSU
JDK-8362107	25	Update the Jan CPU26_01 release date in master branch after forking Oct CPU25_10	PSU
JDK-8362123	21,25	ClassLoader Leak via Executors.newSingleThreadExecutor(...)	PSU
JDK-8362169	25	Pointer passed to upcall may get wrong scope	PSU
JDK-8362204	17,21,25	test/jdk/sun/awt/font/TestDevTransform.java fails on Ubuntu 24.04	PSU
JDK-8362207	17,21,25	Add more test cases for possible double-rounding in fma	PSU
JDK-8362208	8	[8u] Buffer overflow in g1GCPhaseTimes.cpp::LineBuffer::_buffer	PSU
JDK-8362282	25	runtime/logging/StressAsyncUL.java failed with exitValue = 134	PSU
JDK-8362379	25	Test serviceability/HeapDump/UnmountedVThreadNativeMethodAtTop.java should mark as /native	PSU
JDK-8362390	25	AIX make fails in awt_GraphicsEnv.c	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8362482	25	[TESTBUG] serviceability/HeapDump/UnmountedVThreadNativeMethodAtTop.java: System.gc() does not provide full GC	PSU
JDK-8362501	25	Update test/hotspot/jtreg/applications/jcstress/README	PSU
JDK-8362515	25	RISC-V: cleanup NativeFarCall	PSU
JDK-8362516	21,25	Support of GCC static analyzer (-fanalyzer)	PSU
JDK-8362530	25	VM crash with -XX:+PrintTieredEvents when collecting AOT profiling	PSU
JDK-8362532	17,21,25	Test gc/g1/plab/* duplicate command-line options	PSU
JDK-8362533	17,21,25	Tests sun/management/jmxremote/bootstrap/* duplicate VM flags	PSU
JDK-8362581	25	Timeouts in java/nio/channels/SocketChannel/OpenLeak.java on UNIX	PSU
JDK-8362582	25	GHA: Increase bundle retention time to deal with infra overload better	PSU
JDK-8362596	25	RISC-V: Improve _vectorizedHashCode intrinsic	PSU
JDK-8362602	17,21,25	Add test.timeout.factor to CompileFactory to avoid test timeouts	PSU
JDK-8362834	25	Several runtime/Thread tests should mark as /native	PSU
JDK-8362836	25	JFR: Broken pipe in jdk/jfr/event/io/TestIOTopFrame.java	PSU
JDK-8362838	25	RISC-V: Incorrect matching rule leading to improper oop instruction encoding	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8362855	17,25	Test java/net/ipv6tests/TcpTest.java should report SkippedException when there no ia4addr or ia6addr	PSU
JDK-8362889	25	[GCC static analyzer] leak in libstringPlatformChars.c	PSU
JDK-8362972	25	C2 fails with unexpected node in SuperWord truncation: IsFiniteF, IsFiniteD	PSU
JDK-8363676	17,21,25	[GCC static analyzer] missing return value check of malloc in OGLContext_SetTransform	PSU
JDK-8363696	25	Update the release version and date for OpenJDK 25u	PSU
JDK-8363720	17,21,25	Follow up to JDK-8360411 with post review comments	PSU
JDK-8363895	25	Minimal build fails with slowdebug builds after JDK-8354887	PSU
JDK-8363898	25	RISC-V: TestRangeCheckHoistingScaledIV.java fails after JDK-8355293 when running without RVV	PSU
JDK-8363910	25	Avoid tuning for Power10 CPUs on Linux ppc64le when gcc < 10 is used	PSU
JDK-8363928	25	Specifying AOTCacheOutput with a blank path causes the JVM to crash	PSU
JDK-8363943	21,25	ARM32: Represent Registers as values	PSU
JDK-8363965	25	GHA: Switch cross-compiling sysroots to Debian bookworm	PSU
JDK-8363966	17,21,25	GHA: Switch cross-compiling sysroots to Debian trixie	PSU
JDK-8364090	25	Dump JFR recording on CrashOnOutOfMemoryError	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8364111	25	InstanceMirrorKlass iterators should handle CDS and hidden classes consistently	PSU
JDK-8364114	25	Test TestHugePageDecisionsAtVMStartup.java#LP_enabled fails when no free hugepage	PSU
JDK-8364120	25	RISC-V: unify the usage of MacroAssembler::instruction_size	PSU
JDK-8364150	25	RISC-V: Leftover for JDK-8343430 removing old trampoline call	PSU
JDK-8364177	25	JDK fails to build due to undefined symbol in libpng on LoongArch64	PSU
JDK-8364184	25	[REDO] AArch64: [VectorAPI] sve vector math operations are not supported after JDK-8353217	PSU
JDK-8364190	25	JFR: RemoteRecordingStream withers don't work	PSU
JDK-8364198	21,25	NMT should have a better corruption message	PSU
JDK-8364199	21,25	Enhance list of environment variables printed in hserr/hsinfo file	PSU
JDK-8364212	25	Shenandoah: Rework archived objects loading	PSU
JDK-8364235	17,21,25	Fix for JDK-8361447 breaks the alignment requirements for GuardedMemory	PSU
JDK-8364257	21,25	JFR: User-defined events and settings with a one-letter name cannot be configured	PSU
JDK-8364258	21	ThreadGroup constant pool serialization is not normalized	PSU
JDK-8364263	17,21,25	HttpClient: Improve encapsulation of ProxyServer	PSU
JDK-8364296	25	Set IntelJccErratumMitigation flag ergonomically	PSU
JDK-8364352	25	Some tests fail when using a limited number of pregenerated .jsa CDS archives	PSU

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JDK-8364454	25	ProblemList runtime/cds/DeterministicDump.java on macos for JDK-8363986	PSU
JDK-8364484	17,21	misc tests fail with Received fatal alert: handshake_failure	PSU
JDK-8364503	25	gc/g1/TestCodeCacheUnloadDuringConcCycle.java fails because of race printing to stdout	PSU
JDK-8364514	21,25	[asan] runtime/jni/checked/TestCharArrayReleasing.java heap-buffer-overflow	PSU
JDK-8364556	17,21,25	JFR: Disable SymbolTableStatistics and StringTableStatistics in default.jfc	PSU
JDK-8364597	8,11,17,21,25	Replace THL A29 Limited with Tencent	PSU
JDK-8364611	25	(process) Child process SIGPIPE signal disposition should be default	PSU
JDK-8364660	8,11,17,21,25	ClassVerifier::ends_in_athrow() should be removed	PSU
JDK-8364764	25	java/nio/channels/vthread/BlockingChannelOps.java subtests timed out	PSU
JDK-8364786	21,25	Test java/net/vthread/HttpALot.java intermittently fails - 24999 handled, expected 25000	PSU
JDK-8364984	25	Many jpackage tests are failing on Linux after JDK-8334238	PSU
JDK-8364993	17,21,25	JFR: Disable jdk.ModuleExport in default.jfc	PSU
JDK-8364996	17,21,25	java/awt/font/FontNames/LocaleFamilyNames.java times out on Windows	PSU
JDK-8365071	25	ARM32: JFR intrinsic jvm_commit triggers C2 regalloc assert	PSU
JDK-8365086	17,21,25	CookieStore.getURIs() and get(URI) should return an immutable List	PSU

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JDK-8365098	11	make/RunTests.gmk generates a wrong path to test artifacts on Alpine	PSU
JDK-8365165	25	Zap C-heap memory at delete/free	PSU
JDK-8365166	25	ARM32: missing os::fetch_bcp_from_context implementation	PSU
JDK-8365168	17,21,25	Use 64-bit aligned addresses for CK_ULONG access in PKCS11 native key code	PSU
JDK-8365200	25	RISC-V: compiler/loopopts/superword/TestGeneralizedReductions.java fails with Zvbb and vlen=128	PSU
JDK-8365206	25	RISC-V: compiler/c2/irTests/TestFloat16ScalarOperations.java is failing on riscv64	PSU
JDK-8365240	21,25	[asan] exclude some tests when using asan enabled binaries	PSU
JDK-8365260	25	ProblemList 1 test due to failures in the CI pipeline	PSU
JDK-8365265	25	x86 short forward jump exceeds 8-bit offset in methodHandles_x86.cpp when using Intel APX	PSU
JDK-8365302	25	RISC-V: compiler/loopopts/superword/TestAlignVector.java fails when vlen=128	PSU
JDK-8365307	25	AIX make fails after JDK-8364611	PSU
JDK-8365312	25	GCC 12 cannot compile SVE on aarch64 with auto-var-init pattern	PSU
JDK-8365389	25	Remove static color fields from SwingUtilities3 and WindowsMenuItemUI	PSU
JDK-8365425	17,21,25	[macos26] javax/swing/JInternalFrame/8160248/JInternalFrameDraggingTest.java fails on macOS 26	PSU

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JDK-8365442	21,25	[asan] runtime/ErrorHandling/CreateCoredumpOnCrash.java fails	PSU
JDK-8365468	25	EagerJVMCI should only apply to the CompilerBroker JVMCI runtime	PSU
JDK-8365487	21,25	[asan] some oops (mode) related tests fail	PSU
JDK-8365543	25	UnixNativeDispatcher.init should lookup open64at and stat64at on AIX	PSU
JDK-8365571	25	GenShen: PLAB promotions may remain disabled for evacuation threads	PSU
JDK-8365615	17,21,25	Improve JMenuBar/RightLeftOrientation.java	PSU
JDK-8365638	25	JFR: Add --exact for debugging out-of-order events	PSU
JDK-8365660	17,21,25	test/jdk/sun/security/pkcs11/KeyAgreement/ tests skipped without SkipException	PSU
JDK-8365700	25	Jar --validate without any --file option leaves around a temporary file /tmp/tmpJar<number>.jar	PSU
JDK-8365726	25	Test crashed with assert in C1 thread: Possible safepoint reached by thread that does not allow it	PSU
JDK-8365772	25	RISC-V: correctly prereserve NaN payload when converting from float to float16 in vector way	PSU
JDK-8365790	17,21,25	Shutdown hook for application image does not work on Windows	PSU
JDK-8365811	25	test/jdk/java/net/CookieHandler/B6644726.java failure - "Should have 5 cookies. Got only 4, expires probably didn't parse correctly"	PSU
JDK-8365823	25	Revert storing abstract and interface Classes to non-class metaspace	PSU

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JDK-8365834	17,21,25	Mark java/net/httpclient/ManyRequests.java as intermittent	PSU
JDK-8365841	25	RISC-V: Several IR verification tests fail after JDK-8350960 without Zvfh	PSU
JDK-8365844	25	RISC-V: TestBadFormat.java fails when running without RVV	PSU
JDK-8365863	25	/test/jdk/sun/security/pkcs11/Cipher tests skip without SkippedException	PSU
JDK-8365913	17,21,25	Support latest MSC_VER in abstract_vm_version.cpp	PSU
JDK-8365919	17,21,25	Replace currentTimeMillis with nanoTime in Stresser.java	PSU
JDK-8365926	25	RISC-V: Performance regression in renaissance (chi-square)	PSU
JDK-8365956	25	GenShen: Adaptive tenuring threshold algorithm may raise threshold prematurely	PSU
JDK-8365983	21,25	Tests should throw SkippedException when SCTP not supported	PSU
JDK-8366028	25	MethodType::fromMethodDescriptorString should not throw UnsupportedOperationException for invalid descriptors	PSU
JDK-8366029	25	Do not add -XX:VerifyArchivedFields by default to CDS tests	PSU
JDK-8366031	25	Mark com/sun/nio/sctp/SctpChannel/CloseDescriptors.java as intermittent	PSU
JDK-8366075	25	Problemist 2 tests due to failures in the CI pipeline	PSU
JDK-8366092	17,21,25	[GCC static analyzer] UnixOperatingSystem.c warning: use of uninitialized value 'systemTicks'	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8366125	11	[11u] Test compiler/loopopts/TestRangeCheckPredicatesControl.java fails OOM	PSU
JDK-8366147	25	ZGC: ZPageAllocator::cleanup_failed_commit_single_partition may leak memory	PSU
JDK-8366159	17,21,25	SkippedException is treated as a pass for pkcs11/KeyStore, pkcs11/SecretKeyFactory and pkcs11/SecureRandom	PSU
JDK-8366208	21,25	Unexpected exception in sun.java2d.cmm.lcms.LCMSImageLayout	PSU
JDK-8366229	17,21,25	runtime/Thread/TooSmallStackSize.java runs with all collectors	PSU
JDK-8366231	21	Bump update version for OpenJDK: jdk-21.0.10	PSU
JDK-8366233	17	Bump update version for OpenJDK: jdk-17.0.18	PSU
JDK-8366250	25	Problemist 3 tests due to failures in the CI pipeline	PSU
JDK-8366340	25	Problemist 1 test due to failures in the CI pipeline	PSU
JDK-8366342	17,21,25	Key generator and key pair generator tests skipping, but showing as passed	PSU
JDK-8366359	11,17,21,25	Test should throw SkippedException when there is no lpstat	PSU
JDK-8366365	25	[test] test/lib-test/jdk/test/whitebox/CPUInfoTest.java should be updated	PSU
JDK-8366434	25	THP not working properly with G1 after JDK-8345655	PSU
JDK-8366446	25	Test java/awt/geom/ConcurrentDrawPolygonTest.java fails intermittently	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8366537	25	Test "java/util/TimeZone/DefaultTimeZoneTest.java" is not updating the zone ID as expected	PSU
JDK-8366558	21,25	Gtests leave /tmp/cgroups-test* files	PSU
JDK-8366572	11	Bump update version of OpenJDK: 11.0.30	PSU
JDK-8366574	8	Bump update version of OpenJDK: 8u482	PSU
JDK-8366694	25	Test JdbStopInNotificationThreadTest.java timed out after 60 second	PSU
JDK-8366750	21,25	Remove test 'java/awt/Choice/ChoiceMouseWheelTest/ChoiceMouseWheelTest.java' from problemlist	PSU
JDK-8366764	17,21,25	Deproblemlist java/awt/ScrollPane/ScrollPositionTest.java	PSU
JDK-8366800	25	Problemist 1 test due to failures in the CI pipeline	PSU
JDK-8366844	17,21,25	Update and automate MouseDraggedOriginatedByScrollBarTest.java	PSU
JDK-8366850	25	Test com/sun/jdi/JdbStopInNotificationThreadTest.java failed	PSU
JDK-8366893	21,25	java/lang/Thread/virtual/stress/GetStackTraceALotWhenPinned.java timed out on macos-aarch64	PSU
JDK-8366948	25	AOT cache creation crashes when iterating training data	PSU
JDK-8366980	25	TestTransparentHugePagesHeap.java fails when run with -UseCompressedOops	PSU
JDK-8367017	17,21,25	Remove legacy checks from WrappedToolkitTest and convert from bash	PSU
JDK-8367021	21,25	Regression in LocaleDataTest refactoring	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8367048	25	RISC-V: Correct pipeline descriptions of the architecture	PSU
JDK-8367066	25	RISC-V: refine register selection in MacroAssembler decode_klass_not_null	PSU
JDK-8367098	25	RISC-V: sync CPU features with related JVM flags for dependant ones	PSU
JDK-8367115	8	[8u] Problem list CAInterop.java#actalisauthenticationrootca test	PSU
JDK-8367131	21,25	Test com/sun/jdi/ThreadMemoryLeakTest.java fails on 32 bits	PSU
JDK-8367133	17,21,25	DTLS: fragmentation of Finished message results in handshake failure	PSU
JDK-8367137	25	RISC-V: Detect Zicboz block size via hwprobe	PSU
JDK-8367237	17,21,25	Thread-Safety Usage Warning for java.text.Collator Classes	PSU
JDK-8367257	8	[8u] Problem list CAInterop.java#entrustrootcag4 test	PSU
JDK-8367277	25	Fix copyright header in JMXInterfaceBindingTest.java	PSU
JDK-8367313	25	CTW: Execute in AWT headless mode	PSU
JDK-8367333	25	C2: Vector math operation intrinsification failure	PSU
JDK-8367348	17,21,25	Enhance PassFailJFrame to support links in HTML	PSU
JDK-8367372	21	Test test/hotspot/jtreg/gc/TestObjectAlignmentCardSize.java fails on 32 bit systems	PSU
JDK-8367378	25	GenShen: Missing timing stats when old mark buffers are flushed during final update refs	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8367384	21,25	The ICC_Profile class may throw exceptions during serialization	PSU
JDK-8367598	25	Switch to CRC32C for SEED calculation in jdk.test.lib.Utils	PSU
JDK-8367616	25	RISC-V: Auto-enable Zicboz extension for debug builds	PSU
JDK-8367689	25	Revert removal of several compilation-related vmStructs fields	PSU
JDK-8367692	25	RISC-V: Align post call nop	PSU
JDK-8367694	25	Fix jtreg test failure when Intel APX is enabled for KNL platforms	PSU
JDK-8367780	25	Enable UseAPX on Intel CPUs only when both APX_F and APX_NCI_NDD_NF cpuid features are present	PSU
JDK-8367782	8,11,17,21,25	VerifyJarEntryName.java: Fix modifyJarEntryName to operate on bytes and re-introduce verifySignatureEntryName	PSU
JDK-8367869	17,21,25	Test java/io/FileDescriptor/Sync.java timed out	PSU
JDK-8367904	21,25	Test java/net/InetAddress/ptr/Lookup.java should throw SkippedException	PSU
JDK-8367948	25	JFR: MethodTrace threshold setting has no effect	PSU
JDK-8367953	25	JFR sampler threads does not appear in thread dump	PSU
JDK-8367969	25	C2: compiler/vectorapi/TestVectorMathLib.java fails without UnlockDiagnosticVMOptions	PSU
JDK-8367975	17,21,25	[CRaC] Pattern in CRaCCheckpointTo	PSU
JDK-8367988	25	NewFileSystemTests.readOnlyZipFileFailure fails when run by root user	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8368071	25	Compilation throughput regressed 2X-8X after JDK-8355003	PSU
JDK-8368152	25	Shenandoah: Incorrect behavior at end of degenerated cycle	PSU
JDK-8368192	11,17,21,25	Test java/lang/ProcessBuilder/Basic.java#id0 fails with Exception: Stack trace	PSU
JDK-8368366	25	RISC-V: AlignVector is mistakenly set to AvoidUnalignedAccesses	PSU
JDK-8368367	25	Test jdk/jfr/event/gc/detailed/TestGCHeapMemoryUsageEvent.java fails jdk.GCHeapMemoryUsage "expected 0 > 0"	PSU
JDK-8368565	25	Adjust comment regarding dependency of libjvm.so to librt	PSU
JDK-8368570	17,21,25	[CRaC] Improve JdwpTransportTest	PSU
JDK-8368606	25	Printer lookup returns empty on AIX platform due to uninitialized results list	PSU
JDK-8368668	17,21,25	Several vmTestbase/vm/gc/compact tests timed out on large memory machine	PSU
JDK-8368670	25	Deadlock in JFR on event register + class load	PSU
JDK-8368698	25	runtime/cds/appcds/aotCache/OldClassSupport.java assert(can_add()) failed: Cannot add TrainingData objects	PSU
JDK-8368732	25	RISC-V: Detect support for misaligned vector access via hwprobe	PSU
JDK-8368882	17	NPE during text drawing on machine with JP locale	PSU
JDK-8368890	25	open/test/jdk/tools/jpackage/macosx/NameWithSpaceTest.java fails randomly	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8368893	25	RISC-V: crash after JDK-8352673 on fastdebug version	PSU
JDK-8368929	17,21,25	[CRaC] Move CPUFeatures check to C/R engine	PSU
JDK-8368960	21,25	Adjust java UL logging in the build	PSU
JDK-8368982	11,17,21,25	Test sun/security/tools/jarsigner/EC.java completed and timed out	PSU
JDK-8369032	17,21	Add test to ensure serialized ICC_Profile stores only necessary optional data	PSU
JDK-8369078	17,21,25	Fix faulty test conversion in IllegalCharsetName.java	PSU
JDK-8369184	17,21,25	SimpleTimeZone equals() Returns True for Unequal Instances with Different hashCode Values	PSU
JDK-8369190	25	JavaFrameAnchor on AArch64 has unnecessary barriers and wrong store order in MacroAssembler	PSU
JDK-8369226	11,17,21,25	GHA: Switch to MacOS 15	PSU
JDK-8369319	21,25	java/net/httpclient/CancelRequestTest.java fails intermittently	PSU
JDK-8369394	17,21,25	[CRaC] java.nio.channels.ClosedSelectorException in sun.nio.ch.SelectorImpl.ensureOpen	PSU
JDK-8369450	17,21,25	[Ubuntu 25.10] openjdk fails to build due to rust-coreutils date	PSU
JDK-8369487	25	Revert EA option for build promotion	PSU
JDK-8369506	17,21,25	Bytecode rewriting causes Java heap corruption on AArch64	PSU
JDK-8369560	25	Slowdebug build without CDS fails	PSU
JDK-8369563	21,25	Gtest dll_address_to_function_and_library_name has issues with stripped pdb files	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8369566	17,21,25	CRaC: Record metrics during checkpoint	PSU
JDK-8369616	21,25	JavaFrameAnchor on RISC-V has unnecessary barriers and wrong store order in MacroAssembler	PSU
JDK-8369656	25	Calling CompletableFuture.join() could execute task in common pool	PSU
JDK-8369657	25	[AIX] TOC overflow in static-launcher build when building slowdebug after JDK-8352064	PSU
JDK-8369729	17,21,25	[CRaC] CRaC restore fails with different CPUs	PSU
JDK-8369853	25	jpackage signing tests fail after JDK-8358723	PSU
JDK-8369868	25	Compilation error in Win8365790Test.java with JDK-8358723 fix resulting in CI tier3 failure	PSU
JDK-8369946	17,21,25	Bytecode rewriting causes Java heap corruption on PPC	PSU
JDK-8369947	21,25	Bytecode rewriting causes Java heap corruption on RISC-V	PSU
JDK-8369979	25	Flag UsePopCountInstruction was accidentally disabled on PPC64	PSU
JDK-8369992	17	JFR: Disable Placeholder-, LoaderConstraints- and ProtectionDomainCacheTableStatistics in default.jfc	PSU
JDK-8370048	25	Shenandoah: Deprecated ShenandoahPacing option	PSU
JDK-8370049	25	[s390x] G1 barrier compareAndExchange does not return old value when compareExchange fails	PSU
JDK-8370214	21	[21u] Remove -Xdebug and -Xnoagent from tests: backport parts of 8227229 and 8312072	PSU
JDK-8370318	25	AES-GCM vector intrinsic may read out of bounds (x86_64, AVX-512)	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8370331	25	Problemist 2 tests due to failures in the CI pipeline	PSU
JDK-8370428	25	Change milestone to fcs for all releases	PSU
JDK-8370465	17,21,25	Right to Left Orientation Issues with Menuitem Component	PSU
JDK-8370873	17,21,25	[CRaC] Launcher does not parse CRaC VM options from JDK_JAVA_OPTIONS	PSU
JDK-8370888	17,21,25	[CRaC] Use better source of random for UUID generation in checkpoint path	PSU
JDK-8371094	25	--mac-signing-key-user-name no longer works	PSU
JDK-8371250	17,21,25	[CRaC] Remove old pid file in ImageScoreTest	PSU
JDK-8371334	8	[8u] GHA: installation of VS2010 hangs	PSU
JDK-8371337	17,21,25	[CRaC] Fastdebug build fails when calling OperatingSystemMxBean.getProcessCpuLoad after restore	PSU
JDK-8371352	8	[8u] Fix VS2010 build issue in check_code.c	PSU
JDK-8371387	8	[8u] hotspot needs to recognise latest VS2022	PSU
JDK-8371425	25	Include folder names in vscode workspace virtual folders	PSU
JDK-8371462	17,21,25	[CRaC] Improve listening socket reopen through FD policies	PSU
JDK-8371549	17,21,25	[CRaC] Implement C/R in Selector on non-Linux	PSU
JDK-8371697	25	test/jdk/java/nio/file/FileStore/Basic.java fails after 8360887 on linux	PSU
JDK-8372320	25	Bump update version for OpenJDK: jdk-25.0.3	PSU
JDK-8372414	25	Command "make test-prebuilt" fails when listing tests	PSU
JDK-8372439	17	[17u] build-test-lib is broken	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8372534	8,11,17,21,25	Update Libpng to 1.6.51	PSU
JDK-8372753	25	jpackage ignores --file-associations option with predefined app image	PSU
JDK-8372863	17,21,25	[CRaC] Fix glibc IFUNC for AVX_Fast_Unaligned_Load	PSU
JDK-8373027	17,21,25	[CRaC] [CRIU] x86: FPU xsave area present, but host cpu doesn't support it	PSU
JDK-8373043	17,21,25	[CRaC] remove CPUFeatures qemu-kvm test	PSU
JDK-8373687	17,21,25	[CRaC] Add metrics through jcmd	PSU
JDK-8373781	17,21,25	[CRaC] Permit -XX:CPUFeatures on other platforms	PSU
JDK-8373784	17,21,25	[CRaC] VM Option to require perfect CPU fit	PSU
JDK-8374209	17,21	[17u,21u] Backout JDK-8361748 due to JDK-8373727	PSU
JDK-8374491	17,21,25	CPUFeatures: check performance regression of AVX_Fast_Unaligned_Load	PSU
JDK-8374614	17,21,25	[CRaC] Remove defunct fdinfo marking	PSU
JDK-8375447	21	Remove designator DEFAULT_PROMOTED_VERSION_PRE=ea for release 21.0.10	PSU
JDK-8375448	17	Remove designator DEFAULT_PROMOTED_VERSION_PRE=ea for release 17.0.18	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-8329874	8,11,17,21,25	JavaFX debug builds fail on Linux	CPU,PSU
JDK-8361644	8,11,17,21,25	Update ICU4C to 77.1	CPU,PSU
JDK-8361719	8,11,17,21,25	Enhance Handling of URIs	CPU,PSU
JDK-8367374	8,11,17,21,25	JavaFX debug builds fail on Windows	CPU,PSU
JDK-8367578	8,11,17,21,25	Additional WebKit 622.1 fixes from WebKitGTK 2.48.7	CPU,PSU
JDK-8368600	8,11,17,21,25	Missing "/DELAYLOAD:shlwapi.dll" in win.gradle	CPU,PSU
JDK-8370235	8,11,17,21,25	WebKit build fails on Windows 32-bit and Linux 32-bit after JDK-8367578	CPU,PSU
JDK-8370632	8,11,17,21,25	Additional libxslt 1.1.43 fixes	CPU,PSU
JDK-8252373	25	[macOS] Stage with owner disappears when moved to another screen	PSU
JDK-8271024	25	Implement macOS Metal Rendering Pipeline	PSU
JDK-8286089	11	Intermittent WebKit build failure on macOS in JavaScriptCore	PSU
JDK-8289174	21	JavaFX build fails on Windows when VS150COMNTOOLS is not set	PSU
JDK-8335748	25	Rippling of frame on scrolling	PSU
JDK-8340980	21	Cannot build on Windows ARM	PSU
JDK-8350479	25	SW pipeline should use default pipeline in Glass	PSU
JDK-8365515	25	Create release notes for JavaFX 25	PSU
JDK-8366732	25	Change JavaFX release version to 25.0.2 in jfx25u	PSU
JDK-8367306	25	HeaderButtonOverlayTest fails to compile with TEST_SDK_PATH	PSU
JDK-8367370	25	Accent color platform preference not updating in macOS 26 (Tahoe)	PSU

OpenJDK Patch ID	Azul Zulu Version	Synopsis	CPU/PSU
JDK-8367602	25	Regression: TabPane with wrapped label calculates wrong initial size	PSU
JDK-8368021	25	Window buttons of extended RTL stage are on the wrong side	PSU
JDK-8368166	25	Media query should accept multiple rules	PSU
JDK-8368631	25	Avoid updating disposed MTLTexture	PSU
JDK-8368879	25	Intermittent crash on exit when disposing MTLRTTextureData	PSU
JDK-8369140	25	GHA: Update macOS / x64 build to use macos-15-intel runner	PSU
JDK-8369610	25	Create release notes for JavaFX 25.0.1	PSU
JDK-8369820	25	FX: Update copyright year in docs, readme files to 2026	PSU
JDK-8371052	25	Update libFFI to 3.5.2	PSU
JDK-8372453	25	[macOS] Iconifying owner may not iconify owned window	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-59676	6,7,8,11,17,21, 25	OverrideVMProperties does not override java.* properties	CPU,PSU
ZULU-84626	25	CI: zulu25.31 builds fail because of wrong or absent dev BOM	CPU,PSU
ZULU-84633	11	Update JFX to zulu19.0.13.0.101+100	CPU,PSU
ZULU-84634	17	Update JFX to zulu22.0.7.0.101+100	CPU,PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-84635	21	Update JFX to zulu23.0.5.0.101+100	CPU,PSU
ZULU-84636	25	Update JFX to zulu25.0.1.0.101+100	CPU,PSU
ZULU-84637	8	Update JFX to zulu8u481-b01	CPU,PSU
ZULU-84757	25	linux-aarch32hf tests fail on zulu25.31	CPU,PSU
ZULU-84758	25	Exclude list is not backported to zulu25.31	CPU,PSU
ZULU-70754	25	Add libffi v3.4.6 to Zulu	PSU
ZULU-72887	11,17,21,25	Add tier1 back to weekly (all green)	PSU
ZULU-76134	11,17,21	Add clarifying line to Capstone TPL with ARM module	PSU
ZULU-76138	21	Test --custom-provider option	PSU
ZULU-76608	8	Update CRAM CRIU dependency to protobuf-c v1.4.1	PSU
ZULU-76609	8	Update zulu-preh dependencies to include CRIU with protobuf-c v1.4.1	PSU
ZULU-77025	8	Zulu non-FX builds do not give a proper error when app depends on JavaFX	PSU
ZULU-77470	17,21	Test launcher should use docker proxy	PSU
ZULU-78287	25	Generate jtr.xml for Crac container test	PSU
ZULU-82174	25	67 NULL usage in hotspot source files	PSU
ZULU-82604	21	Re-implement hsdisk test in Zulu	PSU
ZULU-82652	17,21,25	AutoSelectionTest	PSU
ZULU-82694	17	[CRaC] Recompiler does not support concurrent class unloading in Zulu 17	PSU
ZULU-82706	17,21,25	[CRaC] Test launcher should use docker proxy, again	PSU
ZULU-82952	21	Exclude some remaining failed tests	PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-82977	25	custom-providers option for Zulu25	PSU
ZULU-82988	25	FIPS for Java 25	PSU
ZULU-83010	8,11,17,21,25	Add deprecation warning for -XX:+OverrideVMProperties in CA	PSU
ZULU-83027	11	tier1 compiler tests failed on Zulu11 aarch32hf	PSU
ZULU-83036	11	Implement cross platform fix for TD in make/RunTests.gmk	PSU
ZULU-83060	11	Build failure of aarch32 with merge of jdk-11.0.30+1	PSU
ZULU-83060	8	Build failure of aarch32/vm with merge of jdk-11.0.30+1	PSU
ZULU-83062	25	Add support for linking libffi on Windows and Mac	PSU
ZULU-83063	25	libffi tests fixes	PSU
ZULU-83065	8,11,17,21,25	Upgrade to BCFIPS v2.1.2	PSU
ZULU-83350	25	Backport ZULU-80645 changes from Zulu21	PSU
ZULU-83362	25	linux/aarch32 zulu25: TestSlices failure	PSU
ZULU-83381	11,17,21,25	Make test.lib.Platform.hasSA() working correctly in refined Zulu builds	PSU
ZULU-83786	8	Update protobuf-c version 1.4.1 license	PSU
ZULU-83835	17	zulu17 compilation error with --disable-precompiled-headers	PSU
ZULU-83836	17,21	Fix CRaC tests after JDK-8341138	PSU
ZULU-83838	25	Fix or exclude failed tier1 tests (zulu25-default linux-aarch32hf)	PSU
ZULU-83846	8	Update JFX to zulu8u472-b02	PSU
ZULU-83889	11,17,21,25	Jtreg tests locally fail after hasSA implemented	PSU

Issue ID	Azul Zulu Version	Synopsis	CPU/PSU
ZULU-83890	8,11,17	Incorrect _listener_address initialization	PSU
ZULU-83956	8	Update FreeType to 2.13.3	PSU
ZULU-84081	25	compiler/gcbarriers/PreserveFPRegistersTest.java fails with exception	PSU
ZULU-84627	8,11,17,21,25	Update CRS to 1.1.61	PSU
ZULU-84696	11,17,21,25	Improve TestOverrideVMProperties	PSU
ZULU-84711	25	Exclude linux-arm tests until fixed	PSU
ZULU-84735	17,21,25	Don't run autoselection tests in CA configuration	PSU
ZULU-84740	17,21,25	Use Warp 2.5.0	PSU
ZULU-85054	17,21,25	Harden LinuxWaitBarrier against EFAULT received during CML	PSU
ZULU-85203	17,21,25	Use Warp 2.5.1	PSU
ZULU-85371	17,21,25	Use Warp 2.7.1	PSU
ZULU-85533	11	Update JFX to zulu19.0.14+100	PSU
ZULU-85534	17	Update JFX to zulu22.0.8+100	PSU
ZULU-85535	21	Update JFX to zulu23.0.6+100	PSU
ZULU-85536	8	Update JFX to zulu8u482-b01	PSU
ZULU-85537	25	Update JFX to zulu25.0.2+100	PSU
ZULU-85746	25	Add hsdisk to zulu25	PSU
ZULU-85823	17,21,25	Use CRIU v1.9.4	PSU
ZULU-85824	17,21,25	WarpS3Test is running with wrong arguments	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-76900	21	Add Windows ARM64 platform	PSU

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