Azul Zulu builds of OpenJDK

Azul Zulu 27 General Availability

Release Notes

Revision 1.1

Table of Contents

Revision History 1

Release Details 1

What's New 3

OpenJDK 3

Features 3

Finalized New Features 3

Incubator and Preview Features 3

Shared Codebase With Azul Zing 4

Changes in Coordinated Restore at Checkpoint (CRaC) 4

Filename Change for Default Auto-Checkpoint Policy File 5

Software Bill of Materials (SBOM) File Naming 5

Supported Platforms 7

Fixed Issues 11

OpenJDK Fixes and Enhancements 11

OpenJFX Fixes and Enhancements 127

Fixes and Enhancements Specific to Azul Zulu Builds of OpenJDK 135

Fixes and Enhancements Specific to Azul Zulu Builds of OpenJDK With JavaFX . . 137

Legal Notice 138

Revision History

Revision	Date	Description
0.1	September 15, 2026	Initial version of the document.
1.0	September 15, 2026	First public release of the document.
1.1	September 15, 2026	Added SBOM file naming change information.

Release Details

This release is a General Availability release of Azul Zulu 27. The following table describes which Azul Zulu versions are published with this release.

Package	Azul Zulu Version (*)	JDK Version	JavaFX Version
Builds of OpenJDK	27.28.101 (CA) 27.28.102 (SA)	27.0.0+35	27.0.0+101
Builds of OpenJDK with OpenJFX	27.28.103 (CA) 27.28.104 (SA)		
Builds of OpenJDK with CRaC	27.28.101 (CA) 27.28.102 (SA)		

(*) 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.

What's New

OpenJDK

OpenJDK 27 is a Short Term Support (STS) release that Azul supports until March 2027 as indicated on our Support Roadmap. This version brings four new features and five new or extensions of earlier incubator and preview features. Further, it contains over 2300 general fixes and performance improvements.

All the fixes and enhancements included in OpenJDK 27 are listed in this release notes.

Check out the community podcast where the changes included in OpenJDK 27 are discussed.

Features

As listed in the OpenJDK Project "JDK 27", the following features are added in this version.

Finalized New Features

The following JEPs (JDK Enhancement Proposals) are included in this release as finalized new features:

- JEP 523: Make G1 the Default Garbage Collector in All Environments
- JEP 527: Post-Quantum Hybrid Key Exchange for TLS 1.3
- JEP 534: Compact Object Headers by Default
- JEP 536: JFR In-Process Data Redaction

Incubator and Preview Features

The following JEPs are included in this release, but can only be used with the additional `--enable-preview` runtime flag:

- JEP 531: Lazy Constants (Third Preview)
- JEP 532: Primitive Types in Patterns, instanceof, and switch (Fifth Preview)

- JEP 533: Structured Concurrency (Seventh Preview)
- JEP 537: Vector API (Twelfth Incubator)
- JEP 538: PEM Encodings of Cryptographic Objects (Third Preview)

More information about the why and how of incubator and preview features can be found here.

Shared Codebase With Azul Zing

Starting with this release, the Linux builds of Azul Zulu Builds of OpenJDK are produced from a codebase that Azul shares with Azul Zing Builds of OpenJDK. This changes how the bundles are built, not what they do: in the default configuration, the runtime behaves the same as any other Azul Zulu Build of OpenJDK.

Two things are visible in the bundles:

- They contain a number of additional files. These belong to components that are intended to implement future product features and are inactive in the default configuration. The Third Party Licenses and the SBOM of the Linux bundles are extended accordingly.
- The runtime accepts a number of additional command line options. These take effect only when you explicitly enable them with `-XX:+UnlockAzulFeatures`, and none of them are needed for normal operation.

This applies to the Linux builds only. The Windows and macOS builds, and all Community Availability (CA) builds, are unchanged.

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.

Filename Change for Default Auto-Checkpoint Policy File

Starting with Zulu 27, the default auto-checkpoint policy file is named `auto-checkpoint-policy.yaml` instead of `auto-checkpoint-default.properties`.

More information is available in the Automatic Checkpoint section of the CRaC documentation.

Software Bill of Materials (SBOM) File Naming

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

Previous file naming:

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

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

- For example:

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

New approach:

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

```
{bundle-name}_sbom.json
```

- For example:

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

This change lets every bundle carry its own SBOM, meaning that a single full Zulu version will have several SBOMs: one per platform build, instead of one shared SBOM.

Bundles can share identical SBOM content or differ from each other.

This change only affects Azul customers who receive SBOM files.

Supported Platforms

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
	27
Windows (x86 32/64-bit)	
Windows Server 2025	✔✔ [1]
Windows Server 2022	✔✔ [1]
Windows Server 2019	✔✔ [1]
Windows Server 2016	✔✔ [1]
Windows 11	✔✔ [1]
Windows (ARM 64-bit)	
Windows 11	✔
Linux (x86 32/64-bit)	
RHEL 10.x	✔✔ [1]
RHEL 9.x	✔✔ [1]
RHEL 8.x	✔✔ [1]
RHEL 7.x	n/a
Fedora 43	✔✔ [1]

SLES 16	✔✔ [1]
SLES 15	✔✔ [1]
SLES 12	✔✔ [1]
CentOS Stream	✔✔ [1]
Ubuntu 26.04	✔✔ [1]
Ubuntu 24.04	✔✔ [1]
Ubuntu 22.04	✔✔ [1]
Ubuntu 20.04	✔✔ [1]
Ubuntu 18.04	✔✔ [1]
Debian 13	✔✔ [1]
Debian 12	✔✔ [1]
Debian 11	✔✔ [1]
Wind River 8.x	n/a
Alpine Linux 3.17 or later	✔ [1]
Wolfi Linux	✔ [1]
Amazon Linux 2023	✔ [1]
Linux (ARM 64-bit)	
Ubuntu 26.04	✔✔
Ubuntu 24.04	✔✔
Ubuntu 22.04	✔✔
Ubuntu 20.04	✔✔
Ubuntu 18.04	✔
Debian 13	✔✔
Debian 12	✔✔
Debian 11	✔✔
Alpine Linux 3.17 or later	✔

Wolfi Linux	✔
Amazon Linux 2023	✔
Linux with kernel 3.10.x and glibc 2.23 [2] [3]	n/a
Linux (ARM 32-bit Hard-Float)	
Ubuntu 18.04 [4]	n/a
Raspberry Pi OS 10 (Buster) [4]	n/a
Raspberry Pi OS 9 (Stretch) [4]	n/a
Linux with kernel 3.10.x and glibc 2.9 [4] [5]	n/a
Linux (ARM 32-bit Soft-Float) [6]	
Linux with kernel 2.6.34 and glibc 2.5 [7]	n/a
Debian 7 Wheezy [8]	n/a
Linux with kernel 3.10.x and glibc 2.9 [8]	n/a
Linux (MIPS 32-bit) [9]	
Linux with kernel 4.9.59 and glibc 2.9 [10]	n/a
Linux (ppc64 Big Endian)	
Linux with kernel 3.8.13 and glibc 2.22 [11]	n/a
Linux (ppc32 Hard-float and SPE)	
Linux with kernel 3.12.37 and glibc 2.20 [12]	n/a
QNX	
QNX 7.0 ARMv7 32-bit Hard-Float ABI	n/a
QNX 7.1 ARMv8 32-bit Hard-Float ABI	n/a
macOS (x86 64-bit)	
macOS 14+	✔
macOS (Apple Silicon)	
macOS 14+	✔
Solaris (x86 and Sparc)	

Solaris 11	n/a
Solaris 10	n/a

1. Build of OpenJDK (with and without OpenJFX) only for 64-bit.
2. Bundles with the Checkpoint/Restore (with the `criu` suffix) functionality require kernel 4.4.0+.
3. Bundles compiled with GCC 9 (with the `gcc9` suffix) require glibc 2.29.
4. 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.
5. Bundles with the CRaM (with the `cr` suffix) functionality require glibc 2.13.
6. 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.
7. Bundles with the C1 compiler. Tested on ARMv5 hardware.
8. Bundles with the C1 compiler were tested on ARMv6 and ARMv7 hardware. Bundles with both C1 and C2 compilers were tested on ARMv7 hardware.
9. MIPS32r2 ISA, Big Endian, FPU in 32-bit mode or equivalent emulation.
10. Linux soft-float O32 MIPS ABI.
11. Bundles for this platform were tested on QorIQ® T4240-RDB.
12. Hard-Float EABI bundles were tested on QorIQ® T1024RDB. SPE ABI bundles were tested on NXP® P2020RDB.

Fixed Issues

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

OpenJDK Fixes and Enhancements

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

OpenJDK Patch ID	Synopsis
JDK-4197755	Arc2D.getBounds() returns an unnecessarily large bounding box
JDK-4337898	Serializing DefaultTableCellRenderer changes colors
JDK-4393297	Doc probs in java.awt.image.DataBufferInt
JDK-4398379	java.awt.image.DataBufferShort constructor should verify size of array
JDK-4398381	java.awt.image.DataBufferShort should check for negative size
JDK-4459231	Focus of JTabbedPane(with Scrollable tablayout) changes on change in LookAndFeel
JDK-4696824	In Metal and other L&F Button.focusInputMap, CheckBox.focusInputMap … are same
JDK-4765299	componentResized() not always called with nested JSplitPanes
JDK-5107379	Component orientation in JOptionPane is not proper in Motif L&F.
JDK-6223700	XP L&F: Non-TopLevel JMenu's painting error
JDK-6292135	DefaultTableModel.setColumnIdentifiers() Clears JTable Row Heights
JDK-6328248	JProgessBar doesn't show if printed on paper with PrintJob (1.1 Graphics API)
JDK-6434110	Color constructor parameter name is misleading
JDK-6441373	Editing JTable is not Serializable
JDK-6517125	FontStrike.getGlyphVectorOutline() not used
JDK-6562639	Wrong pixel bounds from TextLayout with white font
JDK-6681958	Maximization state of JInternalFrames is corrupted by WindowsDesktopManager

OpenJDK Patch ID	Synopsis
JDK-6726690	SwingUtilities.replaceUI*Map() methods do not remove previously installed maps
JDK-6960970	Debugger very slow during stepping
JDK-7067310	3 tests from closed/javax/sound/sampled caused BSOD on win 7 x86
JDK-7186009	[macOS] No way to hide(), dispose() FileDialog
JDK-8042054	JTree.updateUI uses out-of-date item size information
JDK-8044609	javax.net.debug options not working and documented as expected
JDK-8068378	[TEST_BUG]The java/awt/Modal/PrintDialogsTest/PrintDialogsTest.java instruction need to update
JDK-8074292	nsk/jdb/kill/kill001: generateOopMap.cpp assert(bb□is_reachable()) failed
JDK-8078744	Right half of system menu icon on title bar does not activate when clicked in Metal L&F
JDK-8080226	G1: Replace collector state booleans with explicit state variable(s)
JDK-8134541	latent concurrency bug in ScriptRunData
JDK-8158801	[TEST_BUG] Mixing tests fail because of focus workaround trick
JDK-8167268	StandardGlyphVector.getGlyphMetrics creates metrics with erroneous bounds for characters with no outline (e.g., the space character ' ')
JDK-8170896	TEST_BUG: java/rmi/server/Unreferenced/leaseCheckInterval/LeaseCheckInterval.java failed with unreferenced() not invoked after 20.0 seconds
JDK-8177841	Some java/awt/Robot tests can be improved
JDK-8179187	Misleading compilation error on annotated fully-qualified classname
JDK-8179918	EnumSet spliterator should report SORTED, ORDERED, NONNULL
JDK-8180483	sun.net.www.protocol.http.HttpClient::available may consume one character
JDK-8188131	[PPC] Increase inlining thresholds to the same as other platforms

OpenJDK Patch ID	Synopsis
JDK-8196182	ServiceLoader.iterator().hasNext()/.next() may throw a LinkageError
JDK-8198665	Many java/awt/Modal/ModalBlockingTest fail on mac
JDK-8208752	Calling a deserialized Lambda might fail with ClassCastException
JDK-8210336	DateTimeFormatter predefined formatters should support short time zone offsets
JDK-8214934	Wrong type annotation offset on casts on expressions
JDK-8219203	Use StringBuilder instead of StringBuffer in com.sun.jndi.dns.ResourceRecord
JDK-8225186	G1: Compiler code cache requested GC deadlocks while WhiteBox has control
JDK-8227106	Rename InitiatingHeapOccupancyPercent to G1IHOP and make G1IHOP G1 specific
JDK-8227493	Return a more useful error message from lookupAllHostAddr if getaddrinfo results in EAI_SYSTEM error
JDK-8230421	Java cannot handle Euro sign at the Simplified Chinese Windows Command Prompt
JDK-8230518	printSource doesn’t handle enums correctly
JDK-8237220	[macOS] AWT text test CorrectTextComponentSelectionTest.html sometimes fails
JDK-8238686	G1 may waste lots of space or fail to uncommit when observing MinHeapFreeRatio during sizing after full gc
JDK-8248122	java launcher should launch normally if JavaFX modules not found
JDK-8248165	Missing whitespace in jdb message printed when setting value of invalid type
JDK-8261289	Incorrect cleanup in LDAP TLS handling
JDK-8265647	DataBufferUShort constructors check 'dataArray' for 'null' after dereference

OpenJDK Patch ID	Synopsis
JDK-8267961	JInternalFrame.getNormalBounds() returns normalBounds when maximized state is false instead of bounds
JDK-8268675	RTE from "Printable.print" propagates through "PrinterJob.print"
JDK-8268850	AST model for 'var' variables should more closely adhere to the source code
JDK-8269613	vmTestbase/vm/mlvm/mixed/stress/java/findDeadlock/TestDescription.java fails with OOME in CodeCache
JDK-8269888	Thai text rendered incorrectly using some AffineTransform-derived fonts
JDK-8272758	Improve HttpServer to avoid partial file name matches while mapping request path to context path
JDK-8273874	LdapClient can trigger memory leak
JDK-8277489	Rewrite JAAS UnixLoginModule with FFM
JDK-8278102	containers/docker/TestJcmd.java failed with "RuntimeException: Could not find specified process"
JDK-8278591	Jpackage post installation information message
JDK-8278857	C2: optimize (x << 2) & -4 to x (and similar patterns) □ KnownBits for LShift
JDK-8279196	Test: jdk/jfr/event/gc/stacktrace/TestG1OldAllocationPendingStackTrace.java timed out
JDK-8280283	Dead compiler code found during the JDK-8272058 code review
JDK-8284315	DocTrees.getElement is inconsistent with Elements.getTypeElement
JDK-8286032	keytool -list -alias should not assume it is always a certificate
JDK-8286258	[Accessibility,macOS,VoiceOver] VoiceOver reads the spinner value wrong and sometime partially
JDK-8290892	C2: Intrinsify Reference.reachabilityFence
JDK-8291986	ProcessBuilder.redirectErrorStream(true) leaves error stream available

OpenJDK Patch ID	Synopsis
JDK-8294152	AArch64: frame::id() and frame::is_older() broken for interpreted frames with large max_stack
JDK-8296183	jndiprovider.properties contains properties pointing to non-existing classes
JDK-8297191	[macos] Printing a page range with starting page > 1 results in missing pages
JDK-8298098	Remove SCCS id's from hotspot tests
JDK-8303470	containers/docker/TestMemoryAwareness.java failed with "'memory_limit_in_bytes:.*512000 k' missing from stdout/stderr"
JDK-8305250	Unnecessary "unknown enum constant" warning emitted by javac when dependency has optional annotations with enums
JDK-8306591	SA and hotspot generate different hprof records for GC roots
JDK-8307537	Print blobs/nmethods/adapters stats per code heap in CodeCache::print_summary
JDK-8307574	ClipIsRunningAfterStop.java failed with "../nptl/pthread_mutex_lock.c:81: *pthread_mutex_lock: Assertion `mutex□data.__owner == 0' failed.*"
JDK-8308395	javax/sound/sampled/Clip/ClipFlushCrash.java timed out
JDK-8308637	AssertionError when using Trees.getScope in plug-in
JDK-8308878	com/sun/net/httpserver/simpleserver/OutputFilterTest.java fails with assertion errors in IPv6 only environment
JDK-8309041	Swingutilities2 methods requesting focus can have a Cause
JDK-8309748	Improve host selection in `External Specifications` page
JDK-8310138	Socket.isInputShutdown and isOutputShutdown don't specify what is returned when socket is closed
JDK-8312116	GenShen: make instantaneous allocation rate triggers more timely
JDK-8313713	Allow CompileCommand flag to specify compilation level
JDK-8314258	Add integer_cast for checking conversions don't change the value

OpenJDK Patch ID	Synopsis
JDK-8314323	Implement JEP 527: TLS 1.3 Hybrid Key Exchange
JDK-8314599	[GenShen] Couple adaptive tenuring and generation size budgeting
JDK-8316439	Several jvmti tests fail with -Xcheck:jni
JDK-8316465	10 nsk debugger tests ignore VM flags while starting debugee
JDK-8316466	8 com/sun/jdi tests ignore VM flags
JDK-8317124	use reproducible random in HotSpot tests
JDK-8319161	GC: Make TestParallelGCThreads use createTestJavaProcessBuilder
JDK-8319326	GC: Make TestParallelRefProc use createTestJavaProcessBuilder
JDK-8319589	Attach from root to a user java process not supported in Mac
JDK-8320897	compiler/vectorapi/reshape/TestVectorReinterpret.java fails on ppc64(le) platforms
JDK-8322256	Define and document GZIPInputStream concatenated stream semantics
JDK-8323792	ThreadSnapshot::initialize can cause assert in Thread::check_for_dangling_thread_pointer (possibility of dangling Thread pointer)
JDK-8325108	POSIX map_memory_to_file calls release_memory unnecessarily
JDK-8326205	Grouping frequently called C2 nmethods in CodeCache
JDK-8326487	ZipFileSystem.getPath("").getFileName() returns null instead of an empty Path
JDK-8326547	StrictMath.pow returns results outside of a 1 ulp error bound.
JDK-8328046	Need to keep leading zeros in TlsPremasterSecret of TLS1.3 DHKeyAgreement
JDK-8328306	AArch64: MacOS lazy JIT "write xor execute" switching
JDK-8329548	Change KeyUpdate messages from TLS 1.3
JDK-8330363	JDI ThreadDeathEvent/thread/thread001 timed out with UT enabled
JDK-8331994	Adapt MAKEFLAGS check for GNU Make 4.4.1

OpenJDK Patch ID	Synopsis
JDK-8332189	Enable -Wzero-as-null-pointer-constant for gcc/clang
JDK-8332632	Redundant assert "compiler should always document failure: %s" with possible UB
JDK-8334403	Unify behavior of os::committed_in_range across OSes
JDK-8334549	[Sound] Test timed out: javax/sound/sampled/Clip/OpenNonIntegralNumberOfSampleframes.java
JDK-8334617	Build always compiles gtest depending on Serial GC, failing build if disabled
JDK-8334868	Ensure CheckUninstallModalHook is called in WPageDialogPeer._show
JDK-8335355	Shenandoah: Fix race condition in gc/shenandoah/mxbeans/TestPauseNotifications.java
JDK-8336654	[lworld] Tests depending on sun.awt.AppContext can fail when run with migrated classes
JDK-8337853	Remove SunLayoutEngineKey and SunLayoutEngineFactory and its cache.
JDK-8338594	Update nsk/aod tests to use driver instead of othervm
JDK-8339886	runtime/os/TestHugePageDecisionsAtVMStartup.java ignores vm flags
JDK-8340470	G1: Adopt PartialArrayState to consolidate marking stack in Full GC
JDK-8340830	Console.readLine() and Console.printf() are mutually blocking
JDK-8341272	Factory to create wide iinc instruction with small arguments
JDK-8341382	EXCEPTION_ACCESS_VIOLATION in awt.dll after JDK-8185862
JDK-8341630	G1: Adopt PartialArrayState to consolidate marking stack in concurrent marking
JDK-8342095	Add autovectorizer support for subword vector casts
JDK-8342786	Shenandoah: Emit AllocationRequiringGC jfr events
JDK-8343606	Test FinalizerTest.java intermittent fails Debuggee heap OOM

OpenJDK Patch ID	Synopsis
JDK-8343809	Add requires tag to mark tests that are incompatible with exploded image
JDK-8344212	Bring back @see GraphicsConfiguration to MouseInfo.getPointerInfo()
JDK-8344345	test/hotspot/gtest/x86/x86-asmtest.py has trailing whitespaces
JDK-8345277	TLSv1.2 - unable to sign a secp256r1 key with ecdsa_secp384r1_sha384
JDK-8345301	GenShen: TestShenandoahEvacuationInformationEvent.java intermittent fails
JDK-8345501	GenShen: Test TestEvilSyncBug.java#generational intermittent timed out
JDK-8345631	TestRegionSamplingLogging.java#generational-rotation intermittent fails
JDK-8345954	Revisit Class Initializers and Locking in X509TrustManagerImpl
JDK-8346133	Refactor java.time.ZoneOffset caching
JDK-8346154	[XWayland] Some tests fail intermittently in the CI, but not locally
JDK-8346256	Optimize UMIN/UMAX reduction operations for x86 targets
JDK-8346420	C2: IfNode::fold_compares_helper() wrongly folds two CmpI nodes to a single CmpU node
JDK-8347112	Copy nested directories in doc-files by default
JDK-8347248	Rename arg_count to arg_size
JDK-8347365	C2: Fix the handling of depends_only_on_test
JDK-8347396	Efficient TypeFunc creations
JDK-8347418	ConsoleIOContext.countTrailintBackslashes causes NullPointerException
JDK-8347462	Improve TraceClassLoading to add link information
JDK-8347938	Add Support for the Latest ML-KEM and ML-DSA Private Key Encodings
JDK-8348014	Enhance certificate processing
JDK-8348519	[s390x] test failure TestVectorReinterpret.java
JDK-8350208	CTW: GraphKit::add_safepoint_edges asserts "not enough operands for reexecution"

OpenJDK Patch ID	Synopsis
JDK-8350330	C2: PhaseIdealLoop::add_parse_predicate() should mirror GraphKit::add_parse_predicate()
JDK-8350481	ServiceLoader throws NCDEF instead of ServiceConfigurationError
JDK-8350603	Several more compiler tests ignore vm flags and don't have vm.flagless
JDK-8350711	[JMH] test Signatures.RSASSAPSS failed for 2 threads config
JDK-8350971	C2: assert(idx == alias_idx) failed: Following Phi nodes should be on the same memory slice
JDK-8351847	C2: Add "TraceSplitIf" flag to get more information about the optimization in Split-If
JDK-8351892	GenShen: Remove vestigial young generation sizing options
JDK-8352567	[s390x] ProblemList JFR tests requiring JFR stubs
JDK-8352914	Shenandoah: Change definition of ShenandoahSharedValue to int32_t to leverage platform atomics
JDK-8353115	GenShen: mixed evacuation candidate regions need accurate live_data
JDK-8353290	C2: Refactor PhaseIdealLoop::is_counted_loop()
JDK-8353564	Fail fatally if os::release_memory or os::uncommit_memory fails
JDK-8353567	Tighten NMT lock scope in os::release_memory and os::uncommit_memory
JDK-8354853	Clean up x86 registers after 32-bit x86 removal
JDK-8354901	javax/swing/JTable/8236907/LastVisibleRow.java fails on macosx-aarch64 due to difference in before and after image comparison
JDK-8355522	Remove the `java.locale.useOldISOCodes` system property
JDK-8356116	[macos] Add logging of sign commands in jpackage
JDK-8356223	ProblemList-AotJdk.txt should be added automatically if AOT mode is tested
JDK-8356544	Implement additional tests for ciphersuites disabled with wildcards
JDK-8356684	jpackage error messages are not helpful

OpenJDK Patch ID	Synopsis
JDK-8357037	Verifier rejects method ending in switch instruction
JDK-8357089	Remove VFORK launch mechanism from Process implementation (linux)
JDK-8357258	x86: Improve receiver type profiling reliability
JDK-8357404	jpackage should attempt to get a package version from the JDK's release file if the --version option is not specified
JDK-8357439	Add bash autocompletion for jcmd
JDK-8357471	GenShen: Share collector reserves between young and old
JDK-8357551	RISC-V: support CMoveF/D vectorization
JDK-8357593	Crash in Matcher::init_first_stack_mask() during production run
JDK-8358342	G1: G1CodeRootSet performance breaks down on even moderate load
JDK-8358521	Optimize vector operations by reassociating broadcasted inputs
JDK-8358560	C2: convert some uses of GrowableArray<Node*> to Unique_Node_List
JDK-8358766	Improve detection of changes to print IGVN steps
JDK-8358957	[ubsan]: The assert in layout_helper_boolean_diffbit() in klass.hpp needs UB to fail
JDK-8359115	[s390x] Test CreateSymbolsReproducibleTest.java failure
JDK-8359166	C2 asserts in Assembler::addr_nop_5 with -XX:-UseAddressNop
JDK-8359335	Template-Framework Library: Primitive Types subtyping
JDK-8359433	The final modifier on Windows L&F internal UI classes prevents extending them in apps
JDK-8359665	JFR: Specification should use long and boolean, not Long and Boolean
JDK-8359706	Add file descriptor count to VM.info
JDK-8360121	Add -XX:+StressLoopPeeling to CTW
JDK-8360160	ubuntu-22-04 machine is failing client tests
JDK-8360192	C2: Make the type of count leading/trailing zero nodes more precise
JDK-8360498	[TEST_BUG] Some Mixing test continue to fail

OpenJDK Patch ID	Synopsis
JDK-8360595	OOM in java/foreign/TestUpcallStress.java
JDK-8360654	AArch64: Remove redundant dmb from C1 compareAndSet
JDK-8360700	Implement JEP 534: Compact Object Headers by Default
JDK-8360934	Add AVX-512 intrinsics for ML-KEM - enhancement on AVX512_VBMI
JDK-8361493	RepaintManager.invalidComponents uses different equality when searching element
JDK-8362083	JDI VirtualMachine/dispose/dispose001 failed with FATAL ERROR in native method: JDWP cannot set thread local storage, jvmtiError=JVMTI_ERROR_WRONG_PHASE(112)
JDK-8362087	Test containers/docker/ShareTmpDir.java intermittent fails
JDK-8362238	[CRaC] crac/fileDescriptors/FileWatcherThreadTest should wait for events with timeout
JDK-8362239	Reconcile enter_internal and reenter_internal in the ObjectMonitor code
JDK-8362268	NPE thrown from SASL GSSAPI impl when TLS is used with QOP auth-int against Active Directory
JDK-8362350	recompute_enable hit assertion "should never come here before live phase" if happens in post_vm_start
JDK-8362658	sun/security/ssl/SSLEngineImpl/* tests duplicate jvm flags
JDK-8363996	Obsolete UseCompressedClassPointers
JDK-8364121	DES[ede]KeySpec do not consistently check for valid parameters
JDK-8364148	Test java/foreign/StdLibTest.java timed out after passing on linux-x64-zero
JDK-8364167	Test java/foreign/TestHandshake.java crashed with access violation in jdk.internal.misc.Unsafe.getShortUnaligned
JDK-8364182	Add jcmd VM.security_properties command
JDK-8364373	Transform Affine transformations
JDK-8364393	Allow templates to have # character without variable replacement

OpenJDK Patch ID	Synopsis
JDK-8364465	Enhance behavior of some intrinsics
JDK-8364490	Fatal error on large SpecTrapLimitExtraEntries value
JDK-8364584	Inconsistency in setting up cpu feature bits
JDK-8364655	Loading class with nested annotations causes stack overflow in VM
JDK-8364766	C2: Improve Value() of DivI and DivL for non-constant inputs
JDK-8365147	AArch64: Replace DMB + LD + DMB with LDAR for C1 volatile field loads
JDK-8365313	GTK LaF does not respect system color scheme with Gnome
JDK-8365381	[asan] exclude tests under ASAN build which rely on vm signal handling
JDK-8365498	jdk/jfr/event/os/TestCPULoad.java fails with Expected at least one event
JDK-8365732	RISC-V: implement AES CTR intrinsics
JDK-8365883	Fix P11Cipher to throw BadPaddingException for PKCS11 CKR_ENCRYPTED_DATA_INVALID error
JDK-8366020	Assert that java code is not executed during the AOT assembly phase
JDK-8366041	Shenandoah: Late Barrier Expansion
JDK-8366058	Outdated comment in WinCAPISeedGenerator
JDK-8366138	Parse::jump_switch_ranges() could cause stack overflow when compiling huge switch statement
JDK-8366241	NMT: Consolidate [Virtual/Committed/Reserved]Regions into one structure
JDK-8366272	The os::xxx APIs do not manage errno correctly
JDK-8366441	AArch64: Support WFET in OnSpinWait
JDK-8366444	Add support for add/mul reduction operations for Float16
JDK-8366457	Add ResourceArea and Arena allocators for the RBTree
JDK-8366478	BigDecimal roots
JDK-8366522	CodeSource.getCodeSigners() throws NPE within empty certs
JDK-8366659	ObjectMonitor::wait() liveness problem with a suspension request

OpenJDK Patch ID	Synopsis
JDK-8366671	Refactor Thread::SpinAcquire and Thread::SpinRelease
JDK-8366736	Closed System.out causes child process to hang on Windows
JDK-8366807	JNI exception pending in Java_sun_security_pkcs11_wrapper_PKCS11_initializeLibrary of p11_general.c:106
JDK-8366861	Phase AFTER_LOOP_OPTS printed even though the method has no loops
JDK-8366957	Amalloc may return null despite contrary AllocFailType
JDK-8367024	JNI exception pending in Java_sun_security_pkcs11_wrapper_PKCS11_C_1DeriveKey of p11_keymgmt.c:950
JDK-8367129	Move input validation checks to Java for java.lang.StringLatin1 intrinsics
JDK-8367158	C2: create better fill and copy benchmarks, taking alignment into account
JDK-8367284	(fs) Support current working directory target in SecureDirectoryStream.move
JDK-8367319	Add os interfaces to get machine and container values separately
JDK-8367326	Refactor PEM API tests requiring PEMRecord usage
JDK-8367330	Loosen container detection to include soft limits
JDK-8367332	Replace BlockTree tree logic with an intrusive red-black tree
JDK-8367341	C2: apply KnownBits and unsigned bounds to And / Or operations
JDK-8367342	Doclet documentation is incomplete
JDK-8367399	C2 SuperWord: add IR rules for MemorySegment cases from JDK-8329077
JDK-8367463	Improved Arena allocations
JDK-8367478	Improve UseAVX setting and add cpu descriptions for zhaoxin processors
JDK-8367530	The exhaustiveness errors could be improved
JDK-8367541	Parallel: Make young and old generation fields nonstatic in ParallelScavengeHeap

OpenJDK Patch ID	Synopsis
JDK-8367584	Implement JEP 536: JFR In-Process Data Redaction
JDK-8367627	C2: Missed Ideal() optimization opportunity with MemBar
JDK-8367761	[VectorAPI] AssertionError with several vector API mathlib tests with MaxVectorSize=32
JDK-8367765	G1: Merge G1UpdateRegionLivenessAndSelectForRebuild task and collection set choosing
JDK-8367949	JFR: MethodTrace double-counts methods that catch their own exceptions
JDK-8367993	G1: Speed up ConcurrentMark initialization
JDK-8367994	test/jdk/sun/security/pkcs11/Signature/ tests pass when they should skip
JDK-8368041	Enhance TLS certificate handling
JDK-8368091	Use JUnit Jupiter API in sun/net/ext, sun/net/www and sun/net/spi tests
JDK-8368175	Replace TEST_THAW_ONE_CHUNK_FRAME with develop flag
JDK-8368493	Disable most test JSSE debug output by default, and increase the test default maximum output log size
JDK-8368524	Tests are skipped and shown as passed in test/jdk/sun/security/pkcs11/Cipher/KeyWrap
JDK-8368692	Restrict Password::readPassword from reading from System.in
JDK-8368701	CDS VerifierTest_1A.java failed on machines with 512 GB RAM
JDK-8368702	[macosx] Printing text with composite fonts loses font transform
JDK-8368841	X25519 implementation differs from the specification in RFC 7748
JDK-8368864	Confusing error message (or wrong error) when record component has @deprecated Javadoc tag
JDK-8368977	Provide clear naming for AVX10 identifiers
JDK-8369020	Test compiler/intrinsics/TestLongUnsignedDivMod.java completed and timed out

OpenJDK Patch ID	Synopsis
JDK-8369048	GenShen: Defer ShenFreeSet::available() during rebuild
JDK-8369150	NMethodRelocationTest fails when JVMTI events not published before JVM exit
JDK-8369181	InflaterOutputStream: writing after finish() results in IllegalStateException instead of an IOException
JDK-8369205	AIX build break in forbiddenFunctions.hpp
JDK-8369327	On macOS List loses selection when added to Frame
JDK-8369393	NMT: poison the malloc header and footer under ASAN build
JDK-8369455	XAWT: List.getSelectedItem may throw ArrayIndexOutOfBoundsException
JDK-8369503	[Linux] Move machine-specific queries to the OSContainer layer
JDK-8369515	Deadlock between JVMTI and JNI ReleasePrimitiveArrayCritical
JDK-8369561	sun/java2d/OpenGL/DrawBitmaskImage.java#id0: Incorrect color for first pixel (actual=ff000000)
JDK-8369564	Provide a MemorySegment API to read strings with known lengths
JDK-8369575	Enhance crypto algorithm support
JDK-8369595	HttpClient: HttpHeaders.firstValueAsLong failures should be converted to ProtocolException
JDK-8369699	Template Framework Library: add VectorAPI types and operations
JDK-8369917	LMS/HSS RFC 9858 Support
JDK-8369950	TLS connection to IPv6 address fails with BCJSSE due to IllegalArgumentException
JDK-8370044	TraceBytecodes shouldn’t break up lines
JDK-8370102	Print method signatures in edge cases when using TraceBytecodes
JDK-8370112	Remove VM_Version::supports_fast_class_init_checks() in platform-specific code
JDK-8370138	C2: clean up Matcher::use_asm_for_ldiv_by_con can

OpenJDK Patch ID	Synopsis
JDK-8370314	Update signals_posix with new Linux signal codes
JDK-8370416	C2: Optimizing away arraycopy leads to wrong execution
JDK-8370441	Remove unnecessary/confusing null check in Verifier::verify()
JDK-8370489	Some compiler tests miss the @key randomness
JDK-8370502	C2: segfault while adding node to IGVN worklist
JDK-8370504	InterpreterMacroAssembler::profile_virtual_call parameter 'receiver_can_be_null' is unused
JDK-8370519	C2: Hit MemLimit when running with +VerifyLoopOptimizations
JDK-8370529	Enhance Path Factories Redux
JDK-8370615	Improve Kerberos credentialing
JDK-8370648	TestOldGrowthTriggers.java fails 'Trigger (Old): Old has overgrown' missing from stdout/stderr
JDK-8370655	Check EINTR handling InetAddress implementation and NET_ThrowNew
JDK-8370656	Re-examine use of InterruptedIOException in sun.security.ssl code
JDK-8370666	VectorAPI: Add clear comments for vector relative code in c2
JDK-8370688	java.util.jar.JarEntry.getCodeSigners() and getCertificates() should specify that they return a copy of the arrays
JDK-8370731	Tests in vmTestbase/nsk/monitoring/GarbageCollectorMXBean/CollectionCounters/ failed: OutOfMemoryError
JDK-8370846	Support execution of mlvm testing with test thread factory
JDK-8370863	VectorAPI: Optimize the VectorMaskCast chain in specific patterns
JDK-8370885	Default namedGroups values are not being filtered against algorithm constraints
JDK-8370890	Start of release updates for JDK 27
JDK-8370893	Add SourceVersion.RELEASE_27

OpenJDK Patch ID	Synopsis
JDK-8370894	Add source 27 and target 27 to javac
JDK-8370922	Template Framework Library: Float16 type and operations
JDK-8370947	Mitigate Neoverse-N1 erratum 1542419 negative impact on GCs and JIT performance
JDK-8370986	Enhance Zip file reading
JDK-8370995	Enhance ZipFile usage
JDK-8371155	Type annotations on local variables are classified after the local var initializer has been type checked
JDK-8371162	Compiler warns about implicit cast from long to int in shift operation
JDK-8371182	[macos] Improve error messages for "invalid mac bundle identifier"
JDK-8371187	[BigEndian Platforms] Vector lane reversal error
JDK-8371284	GenShen: Avoid unnecessary card marking
JDK-8371333	Optimize static initialization of SSLContextImpl classes and improve logging
JDK-8371347	Move the ObjectMonitorTable to a separate new file
JDK-8371408	[Linux] VM.info output for container information is confusing
JDK-8371409	Wrong lock ordering between FullGCALot_lock and ThreadsLockThrottle_lock/MethodCompileQueue_lock
JDK-8371420	Still sporadic failures of gc/TestAlwaysPreTouchBehavior.java#<gcname> on Linux after JDK-8359104
JDK-8371438	jpackage should handle the case when "--mac-sign" is specified without signing identity options
JDK-8371446	VectorAPI: Add unit tests for masks from various long values
JDK-8371459	[REDO] AArch64: Use SHA3 GPR intrinsic where it’s faster
JDK-8371503	RETAIN_IMAGE_AFTER_TEST do not work for some tests
JDK-8371536	C2: VerifyIterativeGVN should assert on first detected failure

OpenJDK Patch ID	Synopsis
JDK-8371590	runtime/ErrorHandling/TestDwarf.java fails with clang toolchain
JDK-8371596	Nits and typos found during review of fix for JDK-8366659
JDK-8371651	[AArch64] Populate CPU _features flag on Windows
JDK-8371656	HashMap.putAll() optimizations
JDK-8371657	[macosx] Programmatically selecting/deselecting List item triggers an ItemEvent
JDK-8371683	TYPE_USE annotation on var lambda parameter should be rejected
JDK-8371685	C2: Add flag to disable Loop Peeling
JDK-8371716	C2: Phi node fails Value()'s verification when speculative types clash
JDK-8371718	(sc) Channels.new{Input,Output}Stream can allocate unbounded memory for a socket channel
JDK-8371721	Refactor checkTrusted methods in X509TrustManagerImpl
JDK-8371748	Remove the (empty) ThreadPoolExecutor.finalize() method
JDK-8371762	Incorrect use of checked_cast in Arguments::process_settings_file
JDK-8371777	Clean up preferred address of G1's archive region
JDK-8371817	javac with annotation processor throws AssertionError: Cannot add metadata to this type: METHOD when dealing with local classes
JDK-8371830	Enhance certificate chain validation
JDK-8371842	Update CLDR to Version 48.2
JDK-8371873	javac: U+001A (SUB / control-Z) after the last token makes the rest of the file silently ignored, which contradicts JLS §3.3–§3.5
JDK-8371920	[TEST] Enable CMove tests on other platforms
JDK-8371924	--mac-app-store should be accepted option for app image signing
JDK-8371935	Enhance key generation
JDK-8371949	Upcall exception handler crashes with bad oop

OpenJDK Patch ID	Synopsis
JDK-8371950	The jdk.httpclient.keepalive.timeout system networking property does not specify the behaviour for values ⩽ 0
JDK-8371955	Support AVX10 floating point comparison instructions
JDK-8371968	RISC-V: implement AES CBC intrinsics
JDK-8371975	Apply java.io.Serial annotations in java.security.sasl
JDK-8371979	Convert java/nio/file/FileStore/Basic.java to JUnit
JDK-8372016	G1: Root scanning not yielding to safepoints causes crashes
JDK-8372040	Remove Prefetch header vs inline header separation
JDK-8372044	Implementation Review Based on ML-KEM Security Considerations
JDK-8372098	Move AccessFlags to InstanceKlass
JDK-8372231	Test gtest/NMTGtests.java#nmt-summary crashed
JDK-8372242	Gtest LogTagSet.defaults should run in OTHER VM
JDK-8372245	GTest globalDefinitions.format_specifiers cannot run without VM
JDK-8372246	LogOutputList gtests should not use LogConfiguration LogOutputs
JDK-8372247	OSX: Semaphore.trywait requires os::Bsd::clock_init
JDK-8372248	GTest istream.coverage depends on istream.basic
JDK-8372250	Merge PtrQueue into SATBMarkQueue
JDK-8372273	C2: Extend the refactoring for IGV printing to include rest of the node properties
JDK-8372301	Improve error message for jimage command line tool regarding version mismatch
JDK-8372302	C2: IGVN verification fails because ModXNode::Ideal creates unused intermediate nodes
JDK-8372325	Refactor tests under jdk/java/net/httpclient to use ${test.main.class}
JDK-8372348	Adjust some UL / JFR string deduplication output messages
JDK-8372351	Add 2 WISeKey roots

OpenJDK Patch ID	Synopsis
JDK-8372353	API to compute the byte length of a String encoded in a given Charset
JDK-8372377	Test java/io/File/GetXSpace.java failed: The system cannot find the path specified
JDK-8372382	Invalid RuntimeVisibleTypeAnnotations for compact record constructor
JDK-8372442	2 Null pointer dereference defect groups in jvmtiExport.cpp
JDK-8372526	Add support for ZLIB TLS Certificate Compression
JDK-8372543	Shenandoah: undercalculated the available size when soft max takes effect
JDK-8372546	UnixMultiResolutionSplashTest.java fails intermittently on Ubuntu_24.04
JDK-8372554	Test windows-x64-cmp-baseline failed due to differences with splashscreen object file
JDK-8372555	Test com/sun/jdi/ExceptionEvents.java failed: ObjectCollectedException
JDK-8372564	Convert StringDedup to use Atomic<T>
JDK-8372589	VM crashes on init when NonNMethodCodeHeapSize is set too small and UseTransparentHugePages is enabled
JDK-8372592	Adjust logger usage in java2d tests
JDK-8372617	Save and restore stubgen stubs when using an AOT code cache
JDK-8372634	C2: Materialize type information from instanceof checks
JDK-8372635	Lambdas do not copy over SYNTHETIC flag for local variables
JDK-8372641	[s390x] Test failure TestMergeStores.java
JDK-8372646	C2: Stress Counted Loop creation
JDK-8372649	C2 compilation fails with "there should be an oop in OopMap instead of a live raw oop at safepoint"
JDK-8372661	Add a null-safe static factory method to "jdk.test.lib.net.SimpleSSLContext"
JDK-8372688	Test out-of-bounds indexing for List.ofLazy()::get

OpenJDK Patch ID	Synopsis
JDK-8372696	Allow boot classes to explicitly opt-in for final field trusting
JDK-8372731	Detailed authentication failure messages
JDK-8372746	Some httpserver files could benefit from some formatting cleanup
JDK-8372754	Add wrapper for <cstdlib>
JDK-8372759	Test build/AbsPathsInImage.java fails after JDK-8370438
JDK-8372797	[VectorAPI] Missing Min/Max identity transforms
JDK-8372801	tools/sincechecker/modules/java.base/JavaBaseCheckSince.java fails with JDK 27
JDK-8372817	Remove test/jdk/sun/security/rsa silent skips
JDK-8372844	Improve usage of test/jdk/java/text/testlib/TestUtils.java locale methods
JDK-8372860	TestCodeCacheUnloadDuringConcCycle fails on ARM32
JDK-8372933	[CRaC] Restore failed due to incompatible or missing CPU features, try using -XX:CPUFeatures=0xfoo,0xbar on checkpoint
JDK-8372942	AArch64: Set JVM flags for Neoverse V3AE core
JDK-8372948	Store end positions directly in JCTree
JDK-8372950	Pem.pemEncoded should cache the Pattern
JDK-8372974	Add missing @Override annotations in "com.sun.java.swing.plaf.gtk" package
JDK-8372978	[VectorAPI] Fix incorrect identity values in UMIN/UMAX reductions
JDK-8372980	[VectorAPI] AArch64: Add intrinsic support for unsigned min/max reduction operations
JDK-8373001	LauncherFromOptions.create() not properly handling FileAssociationNoExtensionsException
JDK-8373016	Passes instead of skips/ignoring the platform in sun/security/mscapi, jarsigner, keytool and pkcs12 tests
JDK-8373018	Update OpenSSL version to 3.5.4

OpenJDK Patch ID	Synopsis
JDK-8373021	aarch64: MacroAssembler::arrays_equals reads out of bounds
JDK-8373025	test/hotspot/jtreg/gc/cslocker/TestCSLocker.java may deadlock
JDK-8373026	C2 SuperWord and Vector API: vector algorithms test and benchmark
JDK-8373039	Remove Incorrect Asserts in shenandoahScanRemembered
JDK-8373040	Mark compiler/codecache/CodeCacheSegmentSizeTest.java as flagless
JDK-8373041	Mark gc/g1/TestCodeCacheUnloadDuringConcCycle.java as flagless
JDK-8373054	Shenandoah: Remove unnecessary BarrierSetNMethod::arm in shenandoahCodeRoots
JDK-8373056	Shenandoah: Remove unnecessary use of ShenandoahAllocRequest.type()
JDK-8373059	Test sun/security/provider/acvp/ML_DSA_Intrinsic_Test.java should pass on Aarch64
JDK-8373065	Test sun/awt/image/bug8038000.java failed: Pixels differ
JDK-8373068	Revisit details of Float16 to decimal conversion algorithm
JDK-8373069	RISC-V: implement GHASH intrinsic
JDK-8373087	Parallel: Rename PSGenerationPool to PSOldGenerationPool
JDK-8373094	javac may fail because of unattributed break in a loop
JDK-8373097	Save command should create missing parent directories
JDK-8373100	Genshen: Control thread can miss allocation failure notification
JDK-8373101	JdkClient and JdkServer test classes ignore namedGroups field
JDK-8373102	com/sun/jdi/MethodInvokeWithTraceOnTest.java can fail with ObjectCollectedException when run with a small heap
JDK-8373113	Fix whitespace in RunTests.gmk
JDK-8373117	Update build doc link in README.md
JDK-8373120	Virtual thread stuck in BLOCKED state

OpenJDK Patch ID	Synopsis
JDK-8373125	Add defensive screening of modifiers for Field and Parameter toString() results
JDK-8373127	Update nsk/monitoring tests to support virtual thread factory testing
JDK-8373134	C2: Min/Max users of Min/Max uses should be enqueued for GVN
JDK-8373143	C2: verify that adr_type and adr's type match in LoadNode::make and StoreNode::make
JDK-8373207	Make DeferredStatic class template constant initializable
JDK-8373208	Make Atomic class template constant initializable
JDK-8373225	GenShen: More adaptive old-generation growth heuristics
JDK-8373227	Test java/net/httpclient/http2/StreamFlowControlTest.java failed: should sleep time be raised?
JDK-8373231	ECDSAOperations::toAffinePoint is redundant
JDK-8373239	Test java/awt/print/PrinterJob/PageRanges.java fails with incorrect selection of printed pages
JDK-8373248	C2: CastPP should not change the type of the oop
JDK-8373251	C2: Ideal() returns nullptr for shift nodes after having modified the shift amount input
JDK-8373253	Re-work InjectGCWorkerCreationFailure for future changes
JDK-8373262	Parallel: gc/metaspace/CompressedClassSpaceSizeInJmapHeap.java fails
JDK-8373266	Strengthen constant CardTable base accesses
JDK-8373270	GCC 14.2.0 reports warning: '%s' directive output may be truncated
JDK-8373272	Genshen: ShenandoahOldGenerationTest fails after JDK-8373056
JDK-8373275	Improve DTLS handshaking
JDK-8373285	Update JCov for class file version 71
JDK-8373289	Test tools/javac/patterns/Exhaustiveness.java timed out then passed

OpenJDK Patch ID	Synopsis
JDK-8373290	Update FreeType to 2.14.1
JDK-8373293	Change the exception handling in TestNestHostErrorWithMultiThread.java
JDK-8373295	Wrong log tag for UseCompressedOops ergo setting
JDK-8373297	Test com/sun/jdi/AfterThreadDeathTest.java failed with unexpected ObjectCollectedException
JDK-8373298	Test java/foreign/TestBufferStackStress.java timed out then completed
JDK-8373335	Serial: Clean up SerialHeap members by access specifies
JDK-8373343	C2: verify AddP base input only set for heap addresses
JDK-8373355	C2: CompileCommand PrintIdealPhase should also print nodes that are not "reachable from below"
JDK-8373362	Http3TestServer should not log an exception stack trace when it is stopping normally
JDK-8373366	HandshakeState should disallow suspend ops for disabler threads
JDK-8373367	interp-only mechanism fails to work for carrier threads in a corner case
JDK-8373369	[REDO] Remove ThreadLocalAllocBuffer::_reserve_for_allocation_prefetch
JDK-8373388	Reenable LTO for libsplashscreen
JDK-8373389	Two jdk/incubator/vector/ tests fails after JDK-8371446
JDK-8373392	Replace CDS object subgraphs with @AOTSafeClassInitializer
JDK-8373396	Min and Max Ideal missing AddNode::Ideal optimisations
JDK-8373403	[TESTBUG] TestG1ClassUnloadingHWM.java could fail with large G1HeapRegionSize and small InitialHeapSize
JDK-8373408	SHA1withECDSA is not required for ECDHE and ECDSA
JDK-8373411	Crash when PrintSharedArchiveAndExit is enabled but shared heap is disabled
JDK-8373420	C2: Add true/false_proj*() methods for IfNode as a replacement for proj_out*(true/false)

OpenJDK Patch ID	Synopsis
JDK-8373421	Parallel: Rename young generation eden and survivor space pool
JDK-8373426	Remove ffdhe6144 and ffdhe8192 from default list of TLS named groups
JDK-8373428	Refine variables with the same name in nested scopes in PhaseChaitin::gather_lrg_masks
JDK-8373429	gc/g1/TestCodeCacheUnloadDuringConcCycle fails on various platforms
JDK-8373439	Deadlock between flight recorder & VM shutdown
JDK-8373441	Remove DCmdFactory::_enabled
JDK-8373443	Update --release 26 symbol information for JDK 26 build 27
JDK-8373446	Update --release 26 symbol information for JDK 26 build 29
JDK-8373447	Suspicious sign extension after integer promotion in imageDecompressor.cpp
JDK-8373449	Parallel: Obsolete deprecated PSChunkLargeArrays
JDK-8373464	Test JdkManagementCheckSince.java fails after JDK-8369736
JDK-8373474	2 Unintentional format string defect groups in jabswitch.cpp
JDK-8373475	Unintentional format string in logString of AccessInfo.cpp
JDK-8373476	(tz) Update Timezone Data to 2025c
JDK-8373481	Remove the deprecated -noclassgc, -noverify, -Xverify:none and -verifyremote options from the java launcher
JDK-8373487	Out-of-bounds access in AlignmentGapAccess test
JDK-8373490	JFR Leak Profiler: path-to-gc-root very slow for large object arrays
JDK-8373497	SpinCriticalSection should use SpinYield
JDK-8373513	C2: Move ProjNode::other_if_proj() to IfProjNode
JDK-8373515	Migrate "test/jdk/java/net/httpclient/" to null-safe "SimpleSSLContext" methods
JDK-8373517	Revert the macos Tahoe specific change done in JDK-8359830
JDK-8373521	Bump minimum boot jdk to JDK 26

OpenJDK Patch ID	Synopsis
JDK-8373522	Remove expired flags in JDK 27
JDK-8373526	Add tooltips to API documentation elements
JDK-8373537	Migrate "test/jdk/com/sun/net/httpserver/" to null-safe "SimpleSSLContext" methods
JDK-8373538	Migrate all tests to null-safe "SimpleSSLContext" methods
JDK-8373557	Remove stale comments after JDK-8372584
JDK-8373561	Replace usages of -verify java launcher option with -Xverify:all JVM option
JDK-8373566	Performance regression with java.text.MessageFormat subformat patterns
JDK-8373570	Javac stack overflow on method-local class with nested record referring to enclosing type
JDK-8373577	C2: Cleanup adr_type of CallLeafPureNode
JDK-8373591	C2: Fix the memory around some intrinsics nodes
JDK-8373593	Support latest VS2026 MSC_VER in abstract_vm_version.cpp
JDK-8373595	A new ObjectMonitorTable implementation
JDK-8373599	Cleanup arguments.hpp includes
JDK-8373604	Operations on peer reset tokens are slow
JDK-8373615	Improve HotSpot debug functions findclass() and findmethod
JDK-8373623	Refactor Serialization tests for Records to JUnit
JDK-8373625	CPUTimeCounters creates a total counter for unsupported GCs
JDK-8373626	[asan] read past end of buffer in sun.awt.image.ImagingLib.convolveBI
JDK-8373628	jpackage doesn’t print to console until completetion
JDK-8373631	Improve classes in the "jdk.jpackage.internal.util.function" package
JDK-8373632	Some sound tests failing in CI due to lack of sound key
JDK-8373635	C2: Wrong constant in GraphKit::basic_plus_adr()
JDK-8373638	RBTree public interface does not check all input parameters for validity

OpenJDK Patch ID	Synopsis
JDK-8373642	Test vmTestbase/nsk/monitoring/GarbageCollectorMXBean/CollectionCounters/CollectionCounters003/TestDescription.java failed
JDK-8373645	Test vmTestbase/nsk/jvmti/scenarios/events/EM02/em02t003/TestDescription.java failed: Unexpected event JVMTI_EVENT_COMPILED_METHOD_LOAD
JDK-8373647	Avoid fstat when opening file for write with RandomAccessFile or FileOutputStream
JDK-8373649	Convert simple AtomicAccess usage in ConcurrentHashTable to use Atomic<T>
JDK-8373650	Test "javax/swing/JMenuItem/6458123/ManualBug6458123.java" fails because the check icons are not aligned properly as expected
JDK-8373654	Tests in sources/ should only run once
JDK-8373668	Add override keyword to *Klass classes
JDK-8373676	Test javax/net/ssl/HttpsURLConnection/SubjectAltNameIP.java fails on a machine without IPV6
JDK-8373677	Clear text HttpServer connection could fail fast if receiving SSL ClientHello
JDK-8373682	Test compiler/loopopts/superword/TestReinterpretAndCast.java fails on x86_64 with AVX but without f16c
JDK-8373690	Unexpected Keystore message using jdk.crypto.disabledAlgorithms
JDK-8373695	G1: Using a value near integer max for ActiveProcessorCount causes fatal crash
JDK-8373699	JLink: ModuleReader should be closed in JlinkTask.getReleaseInfo(mref)
JDK-8373704	Improve "SocketException: Protocol family unavailable" message
JDK-8373710	Improve jpackage error reporting
JDK-8373716	Refactor further java/util tests from TestNG to JUnit

OpenJDK Patch ID	Synopsis
JDK-8373718	jdk/internal/misc/VM/RuntimeArguments.java test fails in Virtual threads mode
JDK-8373720	GenShen: Count live-at-old mark using Snapshot at Beginning
JDK-8373723	Deadlock with JvmtiTagMap::flush_object_free_events()
JDK-8373731	C2: Missed optimization opportunity for AddI
JDK-8373778	java.util.NoSuchElementException in HttpURLConnection.doTunneling0 when connecting via HTTPS
JDK-8373789	No PCH release build failure after JDK-8372543
JDK-8373793	TestDynamicStore.java '/manual' disables use of '/timeout'
JDK-8373796	Refactor java/net/httpclient/ThrowingPublishers*.java tests to use JUnit5
JDK-8373798	Refactor java/math tests to use JUnit
JDK-8373800	Remove ScopedValueBindingsResolver
JDK-8373801	Adopt arraycopy OopCopyResult from the lworld branch
JDK-8373808	Refactor java/net/httpclient qpack and hpack tests to use JUnit
JDK-8373819	Genshen: Control thread can miss allocation failure notification (redux)
JDK-8373820	C2: Robust Node::uncast_helper infinite loop check
JDK-8373829	Refactor test/jdk/java/time/tck tests to use JUnit over TestNG
JDK-8373830	Refactor test/jdk/java/time/test tests to use JUnit over TestNG
JDK-8373833	"error.cert.not.found" and "error.explicit-sign-no-cert" errors duplicate each other
JDK-8373836	add anchors to the java options in the java man page
JDK-8373837	"assert(thread□is_VM_thread() || thread□is_Java_thread()) failed: Must be VMThread or JavaThread" on macosx-aarch64-26
JDK-8373839	Disable JVM TI suspension during JNI critical regions

OpenJDK Patch ID	Synopsis
JDK-8373847	Test javax/swing/JMenuItem/MenuItemTest/bug6197830.java failed because The test case automatically fails when clicking any items in the “Nothing” menu in all four windows (Left-to-right)-Menu Item Test and (Right-to-left)-Menu Item Test
JDK-8373866	Refactor java/net/httpclient/ThrowingSubscribers*.java tests to use JUnit5
JDK-8373867	Improve robustness of Attach API for finding tmp directory
JDK-8373869	Refactor java/net/httpclient/ThrowingPushPromises*.java tests to use JUnit5
JDK-8373876	StackWalkNativeToJava print more output in case of failures
JDK-8373877	QUIC connections are removed too early
JDK-8373887	jpackage tests may potentially deadlock
JDK-8373893	Refactor networking http server tests to use JUnit
JDK-8373894	G1: Count evacuation-failed garbage collections in gc cpu usage
JDK-8373898	RepeatCompilation does not repeat compilation after bailout
JDK-8373913	Refactor serialization tests to use JUnit
JDK-8373917	test/hotspot/jtreg/vmTestbase/nsk/monitoring: -iterations setting misused in tests
JDK-8373922	Enhance Taglet API to support relative URLs
JDK-8373924	Remove unreferenced ImageDecompressor::image_decompressor_close
JDK-8373928	4 Dangling pointer defect groups in java.c
JDK-8373931	Test javax/sound/sampled/Clip/AutoCloseTimeCheck.java timed out
JDK-8373935	Migrate java/lang/invoke tests away from TestNG
JDK-8373941	Epsilon: Robust counter updates in early VM phases
JDK-8373944	ObjectMonitor::ExitOnSuspend can call java_lang_VirtualThread::set_onWaitingList() while in safepoint

OpenJDK Patch ID	Synopsis
JDK-8373945	Use WB.fullGC() in ClassUnloader.unloadClass to force GC for vmTestbase tests
JDK-8373967	[macos] User interactions with List do not trigger ItemEvent after programmatic change
JDK-8373983	java/util/Locale/UseOldISOCodesTest.java fails with JTREG_AOT_JDK=onestep
JDK-8373984	Check for macos 11 in CGraphicsDevice.m can be removed
JDK-8373998	RISC-V: simple optimization of ConvHF2F
JDK-8374001	sun/security/ skip without Exceptions
JDK-8374020	Inconsistent handling of type updates in typeWithAnnotations
JDK-8374038	JDI EventRequestManager javadoc has unrendered @link tags inside an @code block
JDK-8374043	C2: assert(_base >= VectorMask && _base □ VectorZ) failed: Not a Vector
JDK-8374048	Genshen: Backout fix for missed cancellation notice
JDK-8374051	Incorrect parameterized testing of exceptions in AbstractDateTimeTest.java
JDK-8374052	Use java/util/Calendar in ReplaceCriticalClasses.java test
JDK-8374056	RISC-V: Fix argument passing for the RiscvFlushIcache::flush
JDK-8374058	Enhance JPEG handling
JDK-8374078	C2_MacroAssembler::verify_int_in_range has incorrect early return condition
JDK-8374082	net_util.c should use logical && when setting IPv6_available
JDK-8374113	Taughtological if check in Reflection::array_set
JDK-8374145	Remove legacy locking remnants from markWord
JDK-8374151	Cleanup minor markWord function disorder
JDK-8374164	Potential null pointer dereferences in regeneratedClasses.cpp

OpenJDK Patch ID	Synopsis
JDK-8374168	Resolve disabled warnings in JDWP agent
JDK-8374170	I/O Poller updates
JDK-8374176	Update --release 26 symbol information for JDK 26 build 32
JDK-8374177	Update @since of HotSpotAOTCacheMXBean after JDK-8373607
JDK-8374178	Missing include in systemDictionary.cpp after JDK-8365526
JDK-8374180	C2 crash in PhaseCCP::verify_type - fatal error: Not monotonic
JDK-8374181	failure_handler: The cores.html file is formatted incorrectly and so hides the core dump information
JDK-8374190	Convert ConcurrentHashTable atomic lists to use Atomic<T>
JDK-8374191	Shenandoah: Consider an assert in get_object_age
JDK-8374200	jdk/internal/platform/cgroup/TestCgroupMetrics.java fails with common prefix metrics
JDK-8374202	Simplify significand normalization in BigDecimal(double, MathContext) constructor
JDK-8374215	[macos] Clean and fix "lic_template.plist" to correctly work with multiple languages
JDK-8374216	Assorted changes to jpackage without functional impact
JDK-8374217	Remove IO.java test from AOT ProblemList
JDK-8374219	Fix issues in jpackage's Executor class
JDK-8374222	jpackage will exit with error if it fails to clean the temp directory
JDK-8374232	Comment cleanup in diagnosticCommand.cpp
JDK-8374293	Jshell throws an error and crashes when using keyword Public
JDK-8374296	Comment clean up in os_linux.cpp
JDK-8374304	MultiResolutionSplashTest.java fails in CI: "Image with wrong resolution is used for splash screen!"
JDK-8374308	ImageBufferCache has no effect and can be removed

OpenJDK Patch ID	Synopsis
JDK-8374310	Update copyright year to 2025 for client-libs in files where it was missed
JDK-8374316	Update copyright year to 2025 for hotspot in files where it was missed
JDK-8374317	Change GCM IV size to 12 bytes when encrypting/decrypting TLS session ticket
JDK-8374321	Fix undefined reference to 'png_init_filter_functions_lsx' after 8371914
JDK-8374322	TestMemoryWithSubgroups.java fails Permission denied
JDK-8374323	Update copyright year to 2025 for the build system in files where it was missed
JDK-8374326	Update copyright year to 2025 for jdk.jpackage in files where it was missed
JDK-8374327	Update copyright year to 2025 for files in java.base added/updated by commits in 2025
JDK-8374328	Convert simple AtomicAccess uses in gc/shared to use Atomic<T>
JDK-8374340	FontRenderContext instance variables should be final
JDK-8374343	Fix SIGSEGV when lib/modules is unreadable
JDK-8374345	Restore the original copyright year in ExtremeFontSizeTest.java
JDK-8374348	Implement -XX:AOTMode=required as alias for -XX:AOTMode=on
JDK-8374349	[VectorAPI]: AArch64: Prefer merging mode SVE CPY instruction
JDK-8374350	Convert hotspot gtests to use Atomic<T>
JDK-8374351	RISC-V: Small refactoring for crypto macro-assembler routines
JDK-8374352	Update copyright year to 2025 for test/langtools/tools/javac/ in files where it was missed
JDK-8374354	Update copyright year to 2025 for jdk.javadoc in files where it was missed
JDK-8374355	Update copyright year to 2025 for demo in files where it was missed
JDK-8374358	Update copyright year to 2025 for test/hotspot in files where it was missed

OpenJDK Patch ID	Synopsis
JDK-8374360	Update copyright year to 2025 for test/jdk/jdk/jfr in files where it was missed
JDK-8374361	Update copyright year to 2025 for jdk.hotspot.agent in files where it was missed
JDK-8374363	Update copyright year to 2025 for test/micro in files where it was missed
JDK-8374365	Update copyright year to 2025 for test/jdk in files where it was missed
JDK-8374371	Failed assertion in G1HeapRegion gtest
JDK-8374373	Typo in VirtualThreadSchedulerMXBean.setParallelism javadoc
JDK-8374377	PNGImageDecoder Slow For 8-bit PNGs
JDK-8374378	Update copyright year to 2025 for jdk.internal.vm.ci in files where it was missed
JDK-8374379	Type annotation in new array dimension expression causes java.lang.AssertionError
JDK-8374383	Update the copyright year to 2025 in the remaining files under test/ where it was missed
JDK-8374391	Update the copyright year to 2025 in the remaining files under src/ where it was missed
JDK-8374397	test/hotspot/jtreg/gc/shenandoah/options/TestPassiveModeWithCardBarrier.java fails with -Xcomp after JDK-8369013
JDK-8374432	TimeoutResponseBodyTest.java#retriesEnabledForResponseFailure fails run with -Xcomp
JDK-8374434	Several JShell tests report JUnit discovery warnings
JDK-8374436	compiler/igvn/IntegerDivValueTests.java failed with division by zero
JDK-8374441	(fs) FileSystemProvider.readAttributesIfExists throws "Not a directory" when element in path is not directory should return null for ENOTDIR (unix)
JDK-8374444	Fix simple -Wzero-as-null-pointer-constant warnings
JDK-8374445	Fix -Wzero-as-null-pointer-constant warnings in JfrSet

OpenJDK Patch ID	Synopsis
JDK-8374446	Fix -Wzero-as-null-pointer-constant warnings in test_compressedKlass.cpp
JDK-8374449	Shenandoah: Leaf locks used by Shenandoah need lower ranks
JDK-8374450	GTest opto.canonicalize_constraints cannot run without VM
JDK-8374454	Test sun/security/ssl/CipherSuite/DisabledCipherSuitesNotNegotiated.java from JDK-8356544 shows intermittent timeouts
JDK-8374456	JVM crashes with "assert(resolved_method□method_holder()□is_linked()) failed: must be linked" when run with large value for PreallocatedOutOfMemoryErrorCount
JDK-8374465	Spurious dot in documentation for JVMTI ClassLoad
JDK-8374467	Incorrect ranges in jdk.internal.util.ByteArray JavaDoc
JDK-8374469	Mixed jstack does not work on Windows
JDK-8374471	Check bin and lib folder of JDK image for unwanted files
JDK-8374482	SA does not handle signal handler frame in mixed jstack
JDK-8374483	Eliminate :serviceability_ttf_virtual group and mark svc non-virtual tests with requires
JDK-8374489	Template Library: need to tag Float16.float16ToRawShortBits as having non-deterministic result because of multiple NaN bit patterns
JDK-8374490	Test jdk/jfr/event/runtime/TestSafepointEvents.java failed: Expected event 'jdk.SafepointStateSynchronization' to be present
JDK-8374493	Add missing @Override annotations in "com.sun.java.swing.plaf.motif" package
JDK-8374496	C2: assert(val□find_edge(con) > 0) failed
JDK-8374497	C2: assert(verify(phase)) failed: missing Value() optimization with -XX:+StressReflectiveCode
JDK-8374506	Incorrect positioning of arrow icon in parent JMenu in Windows L&F
JDK-8374513	AArch64: Improve receiver type profiling reliability

OpenJDK Patch ID	Synopsis
JDK-8374516	-version asserts with "-XX:+UseAESCTRIntrinsics -XX:-UseAES": "need AES instructions and misaligned SSE support" in generate_counterMode_AESCrypt_Parallel()
JDK-8374518	C1: Remove dead LinearScanStatistic::Counter::counter_fpu_stack
JDK-8374521	Support fine-grained native debug levels
JDK-8374524	Investigate and cleanup test/jdk/sun/security/provider/SecureRandom/StrongSecureRandom.java and convert to junit
JDK-8374525	RISC-V: Several masked float16 vector operations are not supported
JDK-8374528	C2 SuperWord: TestAliasingFuzzer.java strengthen no-multiversioning IR rule
JDK-8374538	Wrong specification of MethodHandles.constant(…)
JDK-8374540	Add comment describing implementation choices of Math.fma
JDK-8374544	Add SleepyCat diagnostics for all platforms
JDK-8374549	Extend MetaspaceClosure to cover non-MetaspaceObj types
JDK-8374557	Enhance TLS connection handling
JDK-8374575	[PPC64] Remove support for SuperwordUseVSX on Power 8
JDK-8374576	Disable MemoryEaterMT for VirtualThread
JDK-8374577	Heap dump from core does not contain HPROF_GC_ROOT_JAVA_FRAME
JDK-8374582	[REDO] Move input validation checks to Java for java.lang.StringCoding intrinsics
JDK-8374622	StressIncrementalInlining should also randomize the processing order
JDK-8374623	Move DependentAlwaysFalse variable template to its own file
JDK-8374629	Type test pattern with array type in switch fails to parse
JDK-8374639	Static archive with AOTClassLinking breaks dynamic archive
JDK-8374641	Remove java/nio/channels/AsyncCloseAndInterrupt.java from problem list

OpenJDK Patch ID	Synopsis
JDK-8374643	Fix reference to implMethodKind in LambdaToMethod debug printf statement
JDK-8374644	Regression in GZIPInputStream performance after JDK-7036144
JDK-8374654	Inconsistent handling of lambda deserialization for Object method references on interfaces
JDK-8374658	Consider use of "included" rather than "enclosed" in jx.a.p.Processor
JDK-8374662	Remove unused type check functions from javaClasses.hpp
JDK-8374676	ZGC: Convert zAbort to use Atomic<T>
JDK-8374677	ZGC: Convert zArray to use Atomic<T>
JDK-8374678	ZGC: Convert zForwarding to use Atomic<T>
JDK-8374679	ZGC: Convert zForwardingAllocator to use Atomic<T>
JDK-8374680	ZGC: Convert zGeneration to use Atomic<T>
JDK-8374681	ZGC: Convert zJNICritical to use Atomic<T>
JDK-8374682	ZGC: Convert zLiveMap to use Atomic<T>
JDK-8374683	ZGC: Convert zLock to use Atomic<T>
JDK-8374684	ZGC: Convert zMark to use Atomic<T>
JDK-8374686	ZGC: Convert zMarkTerminate to use Atomic<T>
JDK-8374687	ZGC: Convert zNMethodTableIteration to use Atomic<T>
JDK-8374690	ZGC: Convert zRelocate to use Atomic<T>
JDK-8374695	ZGC: Convert zTLABUsage to use Atomic<T>
JDK-8374698	Stub names should look more like identifiers
JDK-8374706	HttpClient: Ensure that request body publishers support multiple subscriptions
JDK-8374711	Hotspot runtime/CommandLine/OptionsValidation/TestOptionsWithRanges fails without printing the option name

OpenJDK Patch ID	Synopsis
JDK-8374712	AOTMappedHeapWriter::relocate_field_in_buffer should use CompressedOops::narrow_oop_cast
JDK-8374717	Unclear wording in docs for recursion for List, Map and LazyConstant
JDK-8374718	Generation of CompilerProperties can fail in subtle ways
JDK-8374721	containers/docker/ShareTmpDir.java timed out after 8362087
JDK-8374725	C2: assert(x_ctrl == get_late_ctrl_with_anti_dep(x□as_Load(), early_ctrl, x_ctrl)) failed: anti-dependences were already checked
JDK-8374727	Audio configuration Platform class - use nio for getting endianness of the underlying platform
JDK-8374744	Enable dumping of APX EGPRs (R16–R31) in JVM fatal error logs
JDK-8374745	Test vmTestbase/nsk/monitoring/GarbageCollectorMXBean/CollectionCounters/CollectionCounters004/TestDescription.java failed
JDK-8374749	Clarify AnnotationValue specification
JDK-8374752	Add more JLS links to javax.lang.model.element.*
JDK-8374754	jtreg failure handler - replace inline javascript and inline event handlers with same origin javascript files
JDK-8374755	ML-KEM's 12-bit decompression can be simplified on aarch64
JDK-8374767	Amend JDK-8374521 with new option name
JDK-8374768	S390X builds are failing after JDK-8372754
JDK-8374769	PPC: MASM::pop_cont_fastpath() should reset _cont_fastpath if SP == _cont_fastpath
JDK-8374782	Parallel: Remove specialized objArray iteration code
JDK-8374785	Template Library: need to tag Float16.copySign as having non-deterministic result because of multiple NaNs with different sign bits
JDK-8374789	C2: refactor GraphKit code that create AddP nodes for raw memory to use helper method

OpenJDK Patch ID	Synopsis
JDK-8374798	C2: Missing Identity optimization opportunity with RShiftI and LShiftI
JDK-8374802	java/net/DatagramSocket/SendReceiveMaxSize.java fails on AIX due to small default RCVBUF size
JDK-8374807	Crash in MethodData::extra_data_lock()+0x0 when running -XX:+TraceDeoptimization -XX:-ProfileTraps -XX:-TieredCompilation -Xcomp -version
JDK-8374808	Add new methods to KeyStore and KeyStoreSpi that return the creation date as an Instant instead of Date
JDK-8374819	jpackage and jpackage tests leave some I/O streams unclosed
JDK-8374825	vmTestbase comment typo: lunch
JDK-8374828	Save load_barrier_on_oop_field_preloaded in aot CodeCache
JDK-8374830	Improve Hotspot crash message in CDSTestUtils
JDK-8374839	Improve jpackage information messages
JDK-8374862	assert(false) failed: Attempting to acquire lock MDOExtraData_lock/nosafepoint-1 out of order with lock tty_lock/tty — possible deadlock (running with -XX:+Verbose -XX:+WizardMode -XX:+PrintDeoptimizationDetails)
JDK-8374872	Cleanup outdated SAP AG copyright header info
JDK-8374875	Improve perfMemory warning about 'Insufficient space for shared memory file'
JDK-8374876	Epsilon: Convert to use Atomic<T>
JDK-8374878	Add Atomic<T>::compare_set
JDK-8374879	NMethodRelocationTest fails with -Xcomp after 8369150
JDK-8374886	CAInterop.java#microsoftrsa2017 test fails as EE certificate does not specify OCSP responder
JDK-8374888	Implement internal test cache to help UserIterCount test performance
JDK-8374889	C2 VectorAPI: must handle impossible combination of signed cast from float

OpenJDK Patch ID	Synopsis
JDK-8374896	Min/Max identity optimization opportunities missing for int and long
JDK-8374903	C2 VectorAPI: assert(vbox□as_Phi()□region() == vect□as_Phi()□region()) failed
JDK-8374905	Clarify ZonedDateTime#toString() documentation regarding omitted zero seconds
JDK-8374910	Use of containsTypeEquivalent in array type equality test seems bogus
JDK-8374915	Move assertion in GenericTaskQueue<>::pop_global()
JDK-8374922	Build failure after JDK-8372040
JDK-8374923	runtime/cds/ServiceLoaderTest.java fails with mismatch between cds and non-cds
JDK-8374926	EnableX86ECoreOpts was not enabled on some hybrid CPU
JDK-8374943	TestDirectBufferStatisticsEvent failed with too few statistics events
JDK-8374945	Avoid fstat in os::open
JDK-8374953	Add note on about implicit state when comparing TypeMirrors
JDK-8374969	Incorrect results of LoadStoreNode::adr_type and SCMemProj::adr_type
JDK-8374984	Convert workerUtils to use Atomic<T>
JDK-8374990	Check include and jmods folder of JDK image for unwanted files
JDK-8374998	Failing os::write - remove bad file
JDK-8375006	[Linux] Remove obsolete O_CLOEXEC check in os::open
JDK-8375010	C2 VectorAPI: assert(vbox□is_CheckCastPP()) failed: should be expanded
JDK-8375011	OldJTable.java - NullPointerException when columnData is null
JDK-8375015	CompletionAPITest::testDocumentation failed - AssertionFailedError: expected: <null> but was: <jshelltest.JShellTest>
JDK-8375038	C2: Enforce that Ideal() returns the root of the subgraph if any change was made by checking the node hash
JDK-8375040	Clearer names for non-metadata oop iterators in ObjArrayKlass

OpenJDK Patch ID	Synopsis
JDK-8375045	Incorrect Interpretation of POSIX TZ Environment Variable on AIX
JDK-8375046	C2: Incremental inlining step asserts when processing empty late inlines list
JDK-8375050	Simplify process management in jpackage tests
JDK-8375054	Removed "signed" property from jpackage app image file
JDK-8375055	C2: Better dead loop detection printout
JDK-8375057	Update HarfBuzz to 12.3.2
JDK-8375061	Multiple jpackage tool providers may share the same logging config
JDK-8375062	vmTestbase/nsk/jdb/exclude/exclude001/exclude001.java fails to output debuggee prompt after cont cmd
JDK-8375063	Update Libpng to 1.6.54
JDK-8375065	Update LCMS to 2.18
JDK-8375066	Test tools/sincechecker/modules/java.base/JavaBaseCheckSince.java broken by JDK-8369564
JDK-8375076	Two JDI scenario tests are failing with out of wait time after completing successfully
JDK-8375093	Convert GlobalCounter to use Atomic<T>
JDK-8375094	RISC-V: Fix client builds after JDK-8368732
JDK-8375119	SwitchBoostraps.enumSwitch does not throw an NPE when lookup is null in some cases
JDK-8375125	assert(false) failed: "Attempting to acquire lock NativeHeapTrimmer_lock/nosafepoint out of order with lock ConcurrentHashTableResize_lock/nosafepoint-2 — possible deadlock" when using native heap trimmer
JDK-8375177	Gtest os_linux.decoder_get_source_info_valid_vm fails with -ffunction -sections
JDK-8375183	Remove unused SSLConfiguration.maximumProtocolVersion variable

OpenJDK Patch ID	Synopsis
JDK-8375221	Update code to get PrinterResolution from CUPS/IPP print service
JDK-8375231	Refactor util/ServiceLoader tests to use JUnit
JDK-8375232	Refactor util/StringJoiner tests to use JUnit
JDK-8375233	Refactor util/Vector tests to use JUnit
JDK-8375237	Document existing exceptional behavior of divideUnsigned and remainderUnsigned
JDK-8375240	Make bundling progress messages issued by jpackage consistent across platforms
JDK-8375241	Simplify --with-native-debug-symbols-level option implementation
JDK-8375242	[macos] Improve jpackage signing coverage
JDK-8375271	[IR Framework] Rename IREncoding to ApplicableIRRules and driver/flag/test VM to Driver/Flag/Test VM
JDK-8375272	[IR Framework] Miscellaneous clean-ups
JDK-8375275	Error handling to raise illegal_parameter or internal_error alert in hybrid key exchange
JDK-8375282	G1: Fix wrong indendation introduced by JDK-8374743
JDK-8375285	Port fdlibm asinh to Java
JDK-8375294	(fs) Files.copy can fail with EOPNOTSUPP when copy_file_range not supported
JDK-8375297	ZGC: Remove obsolete O_CLOEXEC definition
JDK-8375311	Some builds are missing debug helpers
JDK-8375323	Improve handling of the "--app-content" and "--input" options in jpackage
JDK-8375325	add anchors to the options in the security man pages
JDK-8375338	sun/awt/image/ImageRepresentation/LUTCompareTest.java fails with -Xcheck:jni
JDK-8375342	jdk/javadoc/doccheck/checks/jdkCheckHtml.java failed with duplicate anchors

OpenJDK Patch ID	Synopsis
JDK-8375350	Remove usage of AppContext from javax.imageio implementation
JDK-8375351	Remove usage of AppContext from print implementation
JDK-8375352	java/net/httpclient/ConnectTimeoutWithProxy*.java tests fail on EC2
JDK-8375359	Improve GC serviceability init staging
JDK-8375362	Deadlock with unmount of suspended virtual thread interrupting another virtual thread
JDK-8375364	[macos] Some jpackage signing tests fail after JDK-8375240
JDK-8375367	vmTestbase tests reported variable uninitialized by clang23
JDK-8375370	XRBackendNative.c reported variable uninitialized by clang23
JDK-8375433	jar should validate automatic module names
JDK-8375436	G1: Convert G1CardSet classes to use Atomic<T>
JDK-8375437	G1: Convert G1EvacFailureRegions to use Atomic<T>
JDK-8375438	G1: Convert G1HeapRegion related classes to use Atomic<T>
JDK-8375439	G1: Convert G1MonotonicArena class to use Atomic<T>
JDK-8375442	C2: Notify nodes that inspect the graph deeply of changes far away during IGVN
JDK-8375443	AVX-512: Disabling through UseSHA doesn't affect UseSHA3Intrinsics
JDK-8375455	G1: Remove unused G1HeapRegionStats::coarsen_stats()
JDK-8375457	Test serviceability/jvmti/vthread/SelfSuspendDisablerTest/SelfSuspendDisablerTest.java#default timed out
JDK-8375458	Check legal folder of JDK image for unwanted files
JDK-8375463	G1: Remove AtomicAccess include from files that do not use it
JDK-8375477	CoreUtils support for SA tests should attempt to locate and unzip core files when they have been zipped
JDK-8375480	Remove usage of AppContext from javax/swing/text

OpenJDK Patch ID	Synopsis
JDK-8375483	Should set flagThisUninit whenever uninitializedThis is on the stack
JDK-8375485	Tests in vmTestbase/nsk are failing due to missing class unloading after 8373945
JDK-8375498	[VectorAPI] Dump primary vector IR details with -XX:+TraceNewVectors
JDK-8375530	PPC64: incorrect quick verify_method_data_pointer check causes poor performance in debug build
JDK-8375534	Debug method 'pp' should support compressed oops
JDK-8375535	G1: Convert CardTableBarrierSet and subclasses to use Atomic<T>
JDK-8375536	PPC64: Implement special MachNodes for floating point CMove
JDK-8375544	JfrSet::clear should not use memset
JDK-8375567	Remove AppContext usage from Swing Motif L&F classes
JDK-8375568	Shenandoah: Abbreviate thread names in display when length constraints apply
JDK-8375569	Store Java mirrors in AOT configuration file
JDK-8375571	Compiler crash when using record pattern matching with a generic type parameter shadowing a record class
JDK-8375573	JTable ignores setPreferredWidth during initial layout when AUTO_RESIZE_LAST_COLUMN is enabled
JDK-8375575	AttachNotSupportedException constructor missing @since 27
JDK-8375580	Avoid using ArrayDeque in jdk.internal.loader.URLClassPath
JDK-8375585	Test java/lang/ProcessBuilder/PipelineLeaksFD.java failed
JDK-8375598	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
JDK-8375616	G1: Convert G1BatchedTask to use Atomic<T>
JDK-8375618	Incorrect assert in CastLLNode::Ideal
JDK-8375620	G1: Convert G1CardTableClaimTable to use Atomic<T>

OpenJDK Patch ID	Synopsis
JDK-8375621	Move RBTree implementation to inline file to minimize included headers
JDK-8375622	G1: Convert G1CodeRootSet to use Atomic<T>
JDK-8375624	G1: Convert G1JavaThreadsListClaimer to use Atomic<T>
JDK-8375626	G1: Convert G1CollectionSetChooser to use Atomic<T>
JDK-8375630	G1: Convert G1ConcurrentMark to use Atomic<T>
JDK-8375631	VectorAPI part number: reformulate documentation and improve exception message
JDK-8375633	C2: Missed Ideal optimization opportunity with ConvD2F/ConvF2HF and -XX:+StressIncrementalInlining
JDK-8375640	MinMaxIdentity test fails on some machines after 8373134
JDK-8375643	G1: Convert G1RegionMarkStatsCache to use Atomic<T>
JDK-8375646	Some parser flags seem unused
JDK-8375649	idea.sh script adds source paths in a single, enormous, line to jdk.iml
JDK-8375654	Exclude all array classes from dynamic CDS archive
JDK-8375657	RISC-V: Need to check size in SharedRuntime::is_wide_vector
JDK-8375668	Compiler warning implicit-const-int-float-conversion by clang23
JDK-8375684	Avoid leak in KeystoreImpl.m when using CFArrayCreateMutable
JDK-8375688	C2: Missed Ideal optimization opportunity with VectorMaskToLong and -XX:+StressIncrementalInlining
JDK-8375692	Hotspot container tests assert with non-ascii vendor name
JDK-8375712	Convert java/lang/runtime tests to use JUnit
JDK-8375717	Outdated link in jdk.jfr.internal.JVM javadoc
JDK-8375737	Fix -Wzero-as-null-pointer-constant warnings in arm32 code
JDK-8375738	Fix -Wzero-as-null-pointer-constant warnings in MacOSX/bsd code
JDK-8375742	Test java/lang/invoke/MethodHandleProxies/Driver.java does not run Unnamed.java

OpenJDK Patch ID	Synopsis
JDK-8375747	ZGC: ZForwardingTest is unable to commit memory on Windows
JDK-8375787	compiler/vectorapi/TestCastShapeBadOpc.java fails with release VMs
JDK-8375905	Add a missing bailout check in PhaseCFG::schedule_late and a test to exercise more bailout code paths
JDK-8375964	G1: Convert G1BuildCandidateRegionsTask to use Atomic<T>
JDK-8375966	G1: Convert G1UpdateRegionLivenessAndSelectForRebuildTask to use Atomic<T>
JDK-8375971	G1: Convert G1EvacStats to use Atomic<T>
JDK-8375974	G1: Convert G1FullCollector to use Atomic<T>
JDK-8375977	G1: Convert JVMCICleaningTask to use Atomic<T>
JDK-8375978	G1: Convert G1Policy to use Atomic<T>
JDK-8375981	G1: Convert G1RemSet helper classes to use Atomic<T>
JDK-8375982	G1: Convert G1YoungCollector helper classes to use Atomic<T>
JDK-8375983	G1: Convert G1ConcurrentRefineStats to use Atomic<T>
JDK-8375999	com/sun/jndi/ldap/LdapPoolTimeoutTest.java fails sporadically on Windows
JDK-8376031	HttpsURLConnection.getServerCertificates() throws "java.lang.IllegalStateException: connection not yet open" for the HEAD method
JDK-8376038	Refactor java/sql tests to use JUnit
JDK-8376050	awt/event/MouseEvent/AltGraphModifierTest/AltGraphModifierTest.java fails on Ubuntu
JDK-8376051	gc/stress/TestStressG1Uncommit.java fails assertLessThan: expected that xxx < xxx
JDK-8376052	Use AttachOperationFailedException rather than AttachNotSupportedException in findTargetProcessTmpDirectory()

OpenJDK Patch ID	Synopsis
JDK-8376089	Increase QUIC idle timeout in H3FixedThreadPoolTest to collect more diagnostic
JDK-8376104	C2 crashes in PhiNode::Ideal(PhaseGVN*, bool) accessing NULL pointer
JDK-8376113	PPC64: Implement special MachNodes for floating point Min / Max
JDK-8376115	G1: Convert G1CMRootRegions to use Atomic<T>
JDK-8376118	java/net/httpclient/StreamingBody.java fails intermittently on Windows
JDK-8376119	G1: Convert volatiles in G1CMMarkStack to Atomic<T>
JDK-8376125	Out of memory in the CDS archive error with lot of classes
JDK-8376126	G1: Convert remaining volatiles in G1ConcurrentMark to Atomic<T>
JDK-8376131	Convert ContiguousSpace to use Atomic<T>
JDK-8376151	Test javax/swing/JFileChooser/4966171/bug4966171.java is failing with OOME
JDK-8376152	Test javax/sound/sampled/Clip/bug5070081.java timed out then completed
JDK-8376162	SwitchBoostraps.typeSwitch does not throw IAE as expected
JDK-8376164	Optimize AES/ECB implementation using full-message intrinsic stub and parallel RoundKey addition
JDK-8376174	[IR Framework] Refactor Test VM socket communication
JDK-8376185	NoSuchFieldError thrown after a record with type annotation retransformed
JDK-8376186	[VectorAPI] Nomenclature change for concrete vector classes
JDK-8376187	[VectorAPI] Define new lane type constants and pass them to intrinsic entries
JDK-8376191	Remove AtomicAccess include from files that do not use it in gc/shared
JDK-8376199	Convert CodeCacheUnloadingTask to use Atomic<T>
JDK-8376218	Improve KeyUtil::getKeySize coverage

OpenJDK Patch ID	Synopsis
JDK-8376220	C2: Refactor the logic to in MemNode::find_previous_store
JDK-8376226	CharsetEncoder.canEncode(CharSequence) is much slower than necessary
JDK-8376232	Remove AppContext from Swing synth related classes
JDK-8376233	Clean up code in Desktop native peer
JDK-8376234	Migrate java/lang/constant tests away from TestNG
JDK-8376253	[macOS] FileSystemView may not report system icons when -Xcheck:jni is enabled
JDK-8376264	Mixed jstack could not unwind optimized frame
JDK-8376269	Mixed jstack cannot find function in vDSO
JDK-8376271	ZipFile comment confusingly refers to "native" ZIP file implementation
JDK-8376274	JSpec preview support and output enhancement
JDK-8376276	Add javafx to allowed-list of CheckFiles
JDK-8376277	Migrate java/lang/reflect tests away from TestNG
JDK-8376281	Remove USE_XLC_BUILTINS macro usage in AIX code
JDK-8376284	New test serviceability/sa/TestJhsdbJstackMixedCore.java from JDK-8374482 fails on Linux Alpine
JDK-8376285	AArch64: Support fusion optimization for SVE destructive instructions
JDK-8376287	Crashes when using -XX:ObjArrayMarkingStride=0
JDK-8376290	SocketChannel.finishConnect() contains confusing "getsockopt" in exception message for a failed connect() on Windows
JDK-8376291	[IR Framework] Create classes for separate Test VM messages
JDK-8376293	Bad copyright header in g1ConcurrentRefineStats.inline.hpp breaks the build
JDK-8376294	ZipFile.Source.Key should not hold on to its BasicFileAttributes instance

OpenJDK Patch ID	Synopsis
JDK-8376295	"assert(BytecodeVerificationRemote) failed: Should not be here" when running class redefinition test with -XX:-BytecodeVerificationRemote
JDK-8376297	ArrayIndexOutOfBoundsException Not Documented for SinglePixelPackedSampleModel.getSampleSize(int)
JDK-8376300	Avoid more leaks in KeystoreImpl.m because of missing CFRelease calls
JDK-8376302	os::Machine::used_memory reports container used memory when running containerized
JDK-8376308	java/net/httpclient/CancelRequestTest.java fails intermittently with "Expected CancellationException not received"
JDK-8376324	[IR Framework] Name methods in a CompileCommand-friendly way
JDK-8376325	[IR Framework] Detect and report overloads
JDK-8376328	Convert PLABStats to use Atomic<T>
JDK-8376335	Convert PreservedMarks classes to use Atomic<T>
JDK-8376350	Convert ReferenceProcessorPhaseTimes to use Atomic<T>
JDK-8376351	Parallel: Convert ParallelScavengeHeap to use Atomic<T>
JDK-8376353	Parallel: Convert PSParallelCompact classes to use Atomic<T>
JDK-8376355	Update to use jtreg 8.2.1
JDK-8376356	Parallel: Convert PSCardTable to use Atomic<T>
JDK-8376357	Parallel: Convert MutableSpace classes to use Atomic<T>
JDK-8376398	[TESTBUG] Testing of Unsafe native (re)allocation is sensitive to current JDK native memory use
JDK-8376400	C2: folding ifs may cause incorrect execution when trap is taken
JDK-8376402	Dependencies::print_statistics() and AbstractClassHierarchyWalker::print_statistics() are not called from PRODUCT code
JDK-8376403	Avoid loading ArrayDeque in java.util.zip.ZipFile
JDK-8376405	Virtual thread crash: assert(!_current is_suspended()) failed: must be

OpenJDK Patch ID	Synopsis
JDK-8376410	G1: Task queue statistics not reset properly on mark abort
JDK-8376419	(fs) Minor improvement of java/nio/file/attribute/UserDefinedFileAttributeView/Basic.java
JDK-8376420	Remove AppContext from javax/swing/ImageIcon.java
JDK-8376421	C2: Missing branch on SubTypeCheck node
JDK-8376422	Run compiler/corelibs/OptionalFold.java with tiered compilation
JDK-8376423	Test javax/swing/plaf/metal/MetalUtils/bug6190373.java failed: ClassCastException: class java.lang.Character cannot be cast to class javax.swing.Painter
JDK-8376432	Remove AppContext from sun/swing/DefaultLookup.java
JDK-8376433	Remove AppContext from Swing Windows L&F implementation
JDK-8376434	Remove AppContext from awt ImageFetcher implementation
JDK-8376472	Shenandoah: Assembler store barriers read destination memory despite the decorators
JDK-8376477	Avoid loading empty Lock classes in Shutdown and ReferenceQueue
JDK-8376479	Http3 test server thread deadlock in ThrowingPublishersInRequest
JDK-8376491	ZGC: crash in __memset_evex_unaligned_erms when initializing heap using high values for -XX:ConcGCThreads
JDK-8376509	[process] Problemlist Test java/lang/ProcessBuilder/PipelineLeaksFD.java
JDK-8376510	Raster.createBandedRaster(int, int, int, int, int[], int[], Point) does not check for negative scanlineStride
JDK-8376521	Verifier: disallow acmp & ifnull on 'uninitialized' types
JDK-8376523	Move interned strings into AOT heap roots array
JDK-8376531	Genshen: Convert ShenandoahOldGeneration to use Atomic<T>
JDK-8376533	Remove test dependencies on ReferenceQueue$Lock in preparation for JDK-8376477

OpenJDK Patch ID	Synopsis
JDK-8376534	Source launcher instantiates wrong class on inherited instance main
JDK-8376568	Change Thread::getStackTrace to use handshake op for all cases
JDK-8376570	GrowableArray::remove_{till,range} should work on empty list
JDK-8376572	RISC-V: Interpreter: Load array index as signed int
JDK-8376585	bin/update_copyright_year.sh could allow updating a specified list of files
JDK-8376587	Fatal "dead path discovered by TypeNode during igvn" after C2 compilation
JDK-8376591	TestLoopNestTooManyTraps fails with various stress flags
JDK-8376602	[Vector API] Upgrade SLEEF from 3.6.1 to 3.9.0
JDK-8376604	C2: EA should assert is_oop_field for AddP with oop outs
JDK-8376610	Test javax/net/ssl/TLS/TestJSSEClientDefaultProtocol.java times out then completed
JDK-8376621	Should not suspend thread in start_transition if _is_disable_suspend set
JDK-8376626	Shenandoah: Remove command line options for setting min and max region sizes
JDK-8376627	Remove AppContext from javax/swing/plaf/metal classes
JDK-8376629	Refactor javax/sql tests to use JUnit
JDK-8376630	java/lang/ProcessBuilder/PipelineLeaksFD.java intermittent timed out
JDK-8376645	Test java/net/httpclient/http3/H3IdleExceedsQuicIdleTimeout.java failed: no response from peer
JDK-8376650	os::release_memory_special may not be needed anymore
JDK-8376664	Find a better place for the Atomic<HeapWord*> vmstructs toplevel declaration
JDK-8376665	Port fdlibm acosh to Java
JDK-8376666	Convert G1BlockOffsetTable to use Atomic<T>
JDK-8376684	Compile OpenJDK in headless mode without required X11 libraries

OpenJDK Patch ID	Synopsis
JDK-8376688	Gtest os.attempt_reserve_memory_between_small_range_fill_hole_vm fails on AIX 7.3
JDK-8376698	Add Spliterator tests for TreeMap sub-maps
JDK-8376700	java/nio/file/DirectoryStream/SecureDS.java fails AtomicMoveNotSupportedException
JDK-8376703	Some coding in libjimage seems to be not called at all or not called from PRODUCT code
JDK-8376707	Template-Framework Library: Primitive Types Abbreviation Methods
JDK-8376747	Remove AppContext from Swing LayoutStyle
JDK-8376751	add preview project anchors to main-line ProblemList files
JDK-8376755	Remove AppContext from Swing javax/swing/plaf/basic classes
JDK-8376756	GenShen: Improve encapsulation of generational collection set choosing
JDK-8376758	Fix -Wzero-as-null-pointer-constant warnings in AIX code
JDK-8376760	VerifyJimage.java#compare intermittent failed with fastdebug
JDK-8376761	ARM32: Constant base assert after JDK-8373266
JDK-8376777	Consistent use of nonstatic instead of non_static in ci files
JDK-8376781	Problemlist compiler/longcountedloops/TestLoopNestTooManyTraps.java
JDK-8376794	Enable copy and mismatch Partial Inlining for AMD AVX512 targets
JDK-8376810	Make Atomic<T> default constructor non-explicit
JDK-8376811	Implement JEP 531: Lazy Constants (Third Preview)
JDK-8376822	UseCompactObjectHeaders: fill Klass alignment gaps in AOT cache
JDK-8376839	GenShen: Improve performance of evacuations into the old generation
JDK-8376855	ASAN reports out-of-range read in strncmp in MethodHandles::is_basic_type_signature
JDK-8376885	StressGetTotalGcCpuTimeDuringShutdown.java intermittently timed out

OpenJDK Patch ID	Synopsis
JDK-8376889	Enhance JfrRecorder::on_create_vm_3() assert output
JDK-8376891	[VectorAlgorithms] add more if-conversion benchmarks and tests
JDK-8376892	Allow conversion warnings in subsets of the code base
JDK-8376954	Typos in CharacterRangeInfo and AsynchronousServerSocketChannel
JDK-8376956	Add JVMTI phase entering/setting to hserr event log
JDK-8376959	[CRaC] Turn simengine into shared library
JDK-8376969	Shenandoah: GC state getters should be inlineable
JDK-8376970	Shenandoah: Verifier should do basic verification before touching oops
JDK-8376992	Remove AppContext from SystemTray implementation
JDK-8376994	Remove AppContext from sun/awt/datatransfer/DataTransferer.java
JDK-8376996	Remove AppContext usage from SunClipboard.java
JDK-8376998	[macOS] Remove AppContext from AppEventHandler
JDK-8377000	[BACKOUT] JDK-8376126 G1: Convert remaining volatiles in G1ConcurrentMark to Atomic<T>
JDK-8377004	Java Launcher incorrectly allows inheriting a package-private main from another package
JDK-8377008	[REDO] G1: Convert remaining volatiles in G1ConcurrentMark to Atomic<T>
JDK-8377010	Source code launcher cannot call inherited main from another package/module
JDK-8377011	Shenandoah: assert_bounds should be only called when boundaries have changed
JDK-8377013	TimeZone.getDefault() returns obsolete id on Windows (Asia/Calcutta)
JDK-8377015	ConnectionRefusedMessage::testFinishConnect test fails on AIX with java.net.ConnectException: Connection refused
JDK-8377018	Convert java/nio/file/DirectoryStream/SecureDS.java to junit

OpenJDK Patch ID	Synopsis
JDK-8377035	[s390x] Disable JSR166 test cases which uses virtual threads
JDK-8377043	Shenandoah: Convert ShenandoahHeapRegion related code to use Atomic<T>
JDK-8377044	Shenandoah: Convert ShenandoahHeap related code to use Atomic<T>
JDK-8377045	Shenandoah: Convert ShenandoahLock related code to use Atomic<T>
JDK-8377048	Shenandoah: shenandoahLock related improvments
JDK-8377063	Add EchoPassword.java to manual group
JDK-8377070	Update jimage format to support classes compiled with preview feature enabled
JDK-8377096	Refactor AOTMapLogger::OopDataIterator implementations
JDK-8377116	Refactor java/util/zip TestNG tests to JUnit
JDK-8377126	Shenandoah: Convert ShenandoahVerifier related code to use Atomic<T>
JDK-8377128	Add missing @Override annotations in "java.beans.*" packages
JDK-8377138	VMError::report should handle out-of-stackbounds errors gracefully
JDK-8377141	G1: Remove unused local declaration in G1BarrierSetC2
JDK-8377142	Jtreg test gc/shenandoah/oom/TestThreadFailure.java triggers assert(young_reserve + reserve_for_mixed + reserve_for_promo old_available + young_available) failed
JDK-8377143	Parallel: Remove special treatment in JstatGcCapacityResults.java
JDK-8377148	Remove obsolete functions Matcher::is_spillable_arg() and Matcher::interpreter_frame_pointer_reg()
JDK-8377150	G1: Full GC should not execute barrier code during reference processing
JDK-8377158	Enhance XBM image support
JDK-8377161	G1: Remove unnecessary member G1FullGCScope::_g1h
JDK-8377163	C2: Iteration split must take into consideration sunk stores
JDK-8377164	G1: Clean up g1BlockOffsetTable.hpp

OpenJDK Patch ID	Synopsis
JDK-8377165	G1: Introduce common G1 GC Mark to collect scoped objects
JDK-8377167	javax/imageio/ReadAbortTest.java throw NPE when x11 unavailable
JDK-8377172	Change datatype of CodeEntryAlignment to uint
JDK-8377179	Improve and document racy use of start/end in ThreadLocalAllocBuffer
JDK-8377180	Shenandoah: make escalation from degen to full more conservative
JDK-8377181	HttpClient may leak closed QUIC connection objects
JDK-8377183	Impossible or redundant condition in AwtFrame::_NotifyModalBlocked of awt_Frame.cpp:1635
JDK-8377191	Remove AppContext from KeyboardFocusManager
JDK-8377192	Remove AppContext from MenuSelectionManager
JDK-8377193	Remove AppContext from SwingUtilties3
JDK-8377199	Remove AppContext from AWTKeyStroke
JDK-8377200	Shenandoah: Convert shenandoahSharedVariables and related code to use Atomic<T>
JDK-8377223	Port fdlibm atanh to Java
JDK-8377224	Initialization cleanups after Atomic<T> conversion
JDK-8377225	RISC-V: Improve receiver type profiling reliability
JDK-8377226	Inline Thread::set_allocated_bytes
JDK-8377231	Build jpackage with SIZE optimization
JDK-8377244	Update ModuleReaderTest to JUnit prior to making changes
JDK-8377245	AbstractMemorySegmentImpl#getString with length should be @ForceInline
JDK-8377300	Use64KPages flag cleanup on AIX
JDK-8377302	HttpServer::stop uses full timeout duration if handler throws
JDK-8377307	Refactor code for AOT cache pointer compression

OpenJDK Patch ID	Synopsis
JDK-8377309	Remove PhaseIterGVN::verify_Identity_for exclusion for Min/Max find identity op
JDK-8377313	java/lang/Thread/virtual/stress/GetStackTraceALotWhenPinned.java#id0 timeout
JDK-8377315	test/jdk/sun/security/pkcs11/Cipher/TestPKCS5PaddingError.java is failing with "Expected BPE NOT thrown"
JDK-8377318	Force bad padding exception in TestPKCS5PaddingError.java at all times
JDK-8377326	[PPC64] build without C1 and C2 broken
JDK-8377331	jpackage: improve sign errors reporting
JDK-8377334	Test framework used by langtools regression tests can produce false positives
JDK-8377338	URLJarFile$URLJarFileEntry need not clone the arrays returned by getCertificates() and getCodeSigners()
JDK-8377347	jdk/jfr/event/gc/detailed/TestZAllocationStallEvent.java intermittent OOME
JDK-8377352	Parallel: Incorrect capacity in GC overhead log
JDK-8377355	VectorAPI source generation broken after JDK-8371187
JDK-8377359	TestOpaqueConstantBoolNodes fails on PPC64
JDK-8377365	[BACKOUT] Mixed jstack cannot find function in vDSO
JDK-8377368	[REDO] Mixed jstack cannot find function in vDSO
JDK-8377388	Replacing "new StringReader(String)" by "Reader.of(CharSequence);" in Scanner
JDK-8377389	C2: Missed Ideal optimization opportunity in PhaseIterGVN for URShiftI and LShiftI
JDK-8377392	jpackage: Fix member function called from the CfgFile.Referencies compact canonical constructor
JDK-8377395	serviceability/sa/TestJhsdbJstackMixedCore.java fails due to NPE because "because "this.cfa" is null"

OpenJDK Patch ID	Synopsis
JDK-8377396	GenShen: Consolidate and simplify in place region promotions
JDK-8377411	java/lang/Thread/virtual/stress/ParkAfterTimedPark.java only testing pinned case
JDK-8377413	[MacOS aarch64] guarantee(StressWXHealing) failed: We should not reach here unless StressWXHealing
JDK-8377425	Test runtime/os/TestWXHealing.java fails on macosx-aarch64 product build
JDK-8377428	VoiceOver Cursor Navigates Invisible Components
JDK-8377429	Warning as error in asan build in test_nmt_cornercases.cpp on Linux
JDK-8377433	Test com/sun/jmx/remote/NotificationMarshalVersions/TestSerializationMismatch.java failed
JDK-8377435	Problem list serviceability/sa/TestJhsdbJstackMixedCore.java
JDK-8377438	[VectorAPI] Add new carrier type to LaneType class
JDK-8377442	More fixes to ThreadLocalAllocBuffer after JDK-8377179
JDK-8377443	G1: Remove unnecessary cast in ResizeTLABAndSwapCardTableTask
JDK-8377446	Improve parameter naming in pointer_delta()
JDK-8377447	[VectorAPI] Assert wrappers to convert float16 (short) value to float before invoking testng Asserts
JDK-8377449	Strengthen vector IR validation in TestVectorAlgorithms.java for AArch64
JDK-8377454	TestZGCWithCDS.java should also test different combos of UseCompactObjectHeaders
JDK-8377455	Replace LinkedList with GrowableArray in VM.ThreadDump's OMTable
JDK-8377456	GetObjectSizeIntrinsicsTest.java, ARRAY_HEADER_SIZE wrong for 32-bit
JDK-8377457	java/util/logging/ParentLoggersTest.java failed intermittently
JDK-8377461	Add ZipFile test for incorrect number of entries reported in ENDTOT

OpenJDK Patch ID	Synopsis
JDK-8377486	com.sun.jndi.ldap.sasl.SaslOutputStream.write() throws NullPointerException if it is already closed
JDK-8377498	Improve HttpServer handling
JDK-8377502	Add anchors to the options in the Serviceability tool man pages
JDK-8377506	Implement JEP 538: PEM Encodings of Cryptographic Objects (Third Preview)
JDK-8377507	Store cpu features in AOTCodeCache
JDK-8377512	AOT cache creation fails with invalid native pointer
JDK-8377513	jpackage: fix Win8365790Test test
JDK-8377514	jpackage: support passing multiple exceptions to the top-level error handler
JDK-8377517	AArch64: TestUseSHA3IntrinsicsWithUseSHADisabledOnUnsupportedCPU.java fails after JDK-8375443
JDK-8377526	Update Libpng to 1.6.55
JDK-8377534	Test java/awt/print/PrinterJob/PrintNullString.java fails with FAILURE: No IAE for empty iterator, int
JDK-8377541	C2: Memory Barrier IR nodes not eliminated for stable array element access
JDK-8377549	[BACKOUT] Need to keep leading zeros in TlsPremasterSecret of TLS1.3 DHKeyAgreement
JDK-8377550	[REDO] Need to keep leading zeros in TlsPremasterSecret of TLS1.3 DHKeyAgreement
JDK-8377554	Load card table base and other values via AOTRuntimeConstants in AOT code
JDK-8377561	Parallel: Large allocations cause Full GC storm without heap expansion
JDK-8377562	[CRaC] Add better logging to RemoteJmxTest
JDK-8377568	DataBuffer constructors and methods do not specify required exceptions

OpenJDK Patch ID	Synopsis
JDK-8377601	JavacTemplateTestBase not reporting javac crashes
JDK-8377602	Create automated test for PageRange
JDK-8377603	Review worst-case testing of inverse hyperbolic methods
JDK-8377626	The macOS build is broken after JDK-8332189
JDK-8377629	jpackage: Tighten up output validation in tests
JDK-8377651	[s390x] build failure without c1 & c2 compiler
JDK-8377652	C2: Simplify Compile::flatten_alias_type for array
JDK-8377655	C1: in x86, avoid 0x00s leftover after PatchingStub
JDK-8377656	JUnit test java/util/zip/ZipFile/ZipFileInputStreamSkipTest.java uses private methods for BeforeAll/AfterAll
JDK-8377658	Cleanup files for enabling conversion warnings for g1ConcurrentMark.cpp
JDK-8377665	JFR: Symbol table not setup for early class unloading
JDK-8377666	Fedora 41 based devkit build should load more packages from archive location
JDK-8377671	Step Over doesn't stop after receiving MethodExitEvent
JDK-8377675	java.net.http tests should not depend on ../../../com/sun/net/httpserver test classes
JDK-8377690	serviceability/sa/TestJhsdbJstackMixedWithXComp.java tests failing
JDK-8377701	Shenandoah: Convert ShenandoahEvacOOMHandler to use Atomic<T>
JDK-8377702	Disable AArch64 SpinPause tests on Windows
JDK-8377703	Assert that all AOT heap objects have valid classes
JDK-8377704	Shenandoah: Convert ShenandoahNMethod to use Atomic<T>
JDK-8377707	[Linux Alpine] Build failure after JDK-8377368
JDK-8377710	Test serviceability/sa/TestJhsdbJstackMixed.java encountered Driver timeout

OpenJDK Patch ID	Synopsis
JDK-8377712	ConstantPool of WeakReferenceKey is not deterministic in CDS archive
JDK-8377713	Shenandoah: Convert ShenandoahReferenceProcessor to use Atomic<T>
JDK-8377715	Thawing frame can undo deoptimization
JDK-8377726	Remove unused macros in register.hpp
JDK-8377727	Ghost caret and focus appear in non-editable text fields
JDK-8377729	Running jtreg tests with -agent… option causes some tests to fail due to duplicate -agent options provided to a subprocess
JDK-8377745	VoiceOver Identifies Hyperlink as Text
JDK-8377769	Only use large pages sizes that have any pages configured
JDK-8377777	Improve logging when rejecting assets from the AOT archive
JDK-8377796	java.net.http.HttpClient.send() and sendAsync() never complete when BodyHandler.apply() returns null
JDK-8377797	Remove SA support for MethodData and the printmdo command
JDK-8377798	Hotspot build on macOS aarch64 with unused-functions warning reports some unused functions
JDK-8377808	compiler/c2/irTests/TestFloat16ScalarOperations.java is fragile in the presence of special constants
JDK-8377826	Eliminate code duplication in XbmImageDecoder
JDK-8377833	Enhance Jar file processing
JDK-8377845	Restore regtest for JDK-8324881 with DiagnoseSyncOnValueBasedClasses=2
JDK-8377857	Add since checker test for java.naming module
JDK-8377862	Jtreg is unable to detect SkippedException because it is wrapped by CompileFramework
JDK-8377863	[s390x] Increase inlining thresholds to the same as other platforms
JDK-8377878	Problem list compiler/vectorization/TestVectorAlgorithms.java on AIX and Linux s390x

OpenJDK Patch ID	Synopsis
JDK-8377880	Enable unused function warnings in hotspot with clang too
JDK-8377895	Create sizeof_auto to reduce narrowing conversions
JDK-8377897	jpackage: make jdk.jpackage.internal.MockUtils available from other packages
JDK-8377898	Hotspot build on AIX with unused-functions warning reports some unused functions
JDK-8377903	ArraysSupport::mismatch should document that they return the smallest index
JDK-8377905	gcc.md included with every build
JDK-8377907	(process) Race in ProcessBuilder can cause JVM hangs
JDK-8377909	Replace SummaryDiff's array implementation with a hashtable
JDK-8377910	Minor cleanup of java/io/FileDescriptor/Sharing.java
JDK-8377914	Typos in HKDFParameterSpec.Builder::thenExpand
JDK-8377921	Add anchors to the options in the Core Libs tool man pages
JDK-8377924	Inconsistent parsing of XBM files after JDK-8361748
JDK-8377932	AOT cache is not rejected when JAR file has changed
JDK-8377936	VoiceOver Reads Button Incorrectly
JDK-8377937	[macos] GlyphMetrics advance does not consider font rotation
JDK-8377938	VoiceOver Uses Mouse to Activate JButtons in German
JDK-8377944	LowMemoryTest2.java#id1 intermittent fails OOME: Metaspace
JDK-8377946	Use DWARF in mixed jstack on Linux AArch64
JDK-8377947	Test serviceability/sa/TestJhsdbJstackMixedCore.java failed on linux-x64
JDK-8377948	The ThreadWXEnable use of PerfTraceTime is not safe during VM shutdown
JDK-8377949	TestZRelocationSetEvent.java intermittent fails OOME

OpenJDK Patch ID	Synopsis
JDK-8377950	Refactor ClassUnloader to provide explicit waiting API
JDK-8377975	Fails to parse PEM text with trailing whitespace on the first line
JDK-8377976	GenShen: Explicit GC requests must clear concurrent gc request cancellation
JDK-8377983	(zipfs) ZipFileSystem.initCEN needlessly reads END header
JDK-8377986	C2: New method to add specific users to the worklist
JDK-8377990	Zero: Replace Java math ops with UB-safe implementations
JDK-8377991	TestLimitsUpdating.java fails with runtime exception even after JDK-8370492 is fixed
JDK-8377992	(zipfs) Align ZipFileSystem END header validation with the ZipFile implementation
JDK-8377995	ZGC: Fix implicit narrowing conversion in zBitField
JDK-8377996	[REDO] NMT: Consolidate [Virtual/Committed/Reserved]Regions into one structure
JDK-8377997	[BACKOUT] 8366241: NMT: Consolidate [Virtual/Committed/Reserved]Regions into one structure
JDK-8378003	JarURLConnection.getCertificates() and getCodeSigners() incorrectly return null for signed JAR files after JDK-8377338
JDK-8378005	Exclude boxing calls from guaranteed safepoint check in loop opts
JDK-8378050	Add missing @Override annotations in "java.awt.color" package
JDK-8378057	CAccessibility roleKey and AWTAccessor.AccessibleBundleAccessor are Redundant
JDK-8378076	Improve inlining around oop_oop_iterate
JDK-8378080	Zero: JNIEnv argument is corrupted in native calls
JDK-8378083	Mark shenandoah/generational/TestOldGrowthTriggers.java as flagless
JDK-8378098	Problem list compiler/vectorization/TestVectorAlgorithms.java with#<subtest> on AIX and Linux s390x

OpenJDK Patch ID	Synopsis
JDK-8378100	Unused code in rewriter.hpp
JDK-8378102	Validly imported symbols of unresolved types do not have their FQN reflected in the Element/TypeMirror instances passed to annotation processors
JDK-8378107	Data cache zeroing is used even when it is prohibited
JDK-8378110	Add -XX: prefix to settings-file flags in RuntimeMXBean.getInputArguments()
JDK-8378111	Migrate java/util/jar tests to JUnit
JDK-8378112	Test runtime/ErrorHandling/MachCodeFramesInErrorFile.java fails with RuntimeException: 1 < 2
JDK-8378113	Add sun/java2d/OpenGL/ScaleParamsOOB.java to the ProblemList.txt file
JDK-8378115	(fs) sun.nio.fs.NativeBuffer no longer needs a cleaner
JDK-8378118	Test tools/jimage/JImageBadFileTest.java failed on Windows
JDK-8378119	GenShen: Restore log message about characteristics of promotion efforts
JDK-8378128	Make PLABStats data members private
JDK-8378138	G1: Assertion failure from G1CollectedHeap::block_start processing during error reporting
JDK-8378149	[s390] Non-C2 / minimal JVM crashes in the build
JDK-8378152	Upstream AOT heap object improvements from Leyden repo
JDK-8378153	Robot.getPixelColor() may return stale pixels due to missing Toolkit.sync()
JDK-8378157	Section hyperlink in doc/testing.md refers to building.html instead of building.md
JDK-8378163	test/jdk/java/net/httpclient/*.java: convert tests that use ITestContext to JUnit

OpenJDK Patch ID	Synopsis
JDK-8378164	test/jdk/java/net/httpclient/http3/*.java: convert tests that use ITestContext to JUnit
JDK-8378166	C2 VectorAPI: NBody / particle life demo
JDK-8378171	JFR: Copy of a closed recording should not be available
JDK-8378176	Concurrent GC worker threads may suffer from priority inversion
JDK-8378177	AllowExtshm flag cleanup on AIX
JDK-8378178	Change Thread::_allocated_bytes from jlong to uint64_t
JDK-8378180	Compiling OpenJDK with C23 C-Compiler gives warning: initialization discards ‘const’ qualifier from pointer target type
JDK-8378191	[BACKOUT] JDK-8378076 Improve inlining around oop_oop_iterate
JDK-8378192	Remove AppContext from SwingUtilities2
JDK-8378193	Remove AppContext from JinternalFrame
JDK-8378194	Protect process_pending_interp_only() work with JvmtiThreadState_lock
JDK-8378195	guarantee(static_cast<int>(_oops_size) == align_up(code_buffer□total_oop_size(), oopSize)) failed: failed: 12272 != 77808
JDK-8378197	Remove AppContext from sun/swing/plaf/DesktopProperty.java
JDK-8378201	[OGL] glXMakeContextCurrent() drops the buffers of the unbound drawable
JDK-8378202	Remove AppContext from XAWT classes
JDK-8378203	Remove AppContext from jdk.unsupported.desktop
JDK-8378204	Remove AppContext from two Swing UI classes
JDK-8378205	Remove AppContext from Swing MenuComponent
JDK-8378211	Test ChangedJarFile.java failed: missing "timestamp has changed"
JDK-8378218	MSYS2 reports cygwin triplet causing bash configure failure
JDK-8378228	Replace jQuery UI autocomplete component in JavaDoc search

OpenJDK Patch ID	Synopsis
JDK-8378233	depends_only_on_test_impl() assertion hit after JDK-8347365
JDK-8378239	C2: Incorrect check in StoreNode::Identity
JDK-8378240	C2: MemNode::can_see_stored_value assumes this can never be a StoreVector
JDK-8378243	[IR Framework] Create separate VMInfo and ApplicableIRRules JavaMessage classes
JDK-8378245	Obsolete ParallelRefProcBalancingEnabled
JDK-8378250	C2 VectorAPI : wrong result with MUL reduction at various AVX levels
JDK-8378251	Extend word delimiters used in jshell
JDK-8378257	[IR Framework] Add identity for socket connection and prepare for parsing C2 dumps
JDK-8378259	[CRaC] Tests using CRIU fail in GitHub Actions
JDK-8378266	Update atomicAccess include after Atomic<T> changes
JDK-8378267	Test sun/security/util/HexDumpEncoderTests.java fails when unexpected warning appears
JDK-8378268	Thread.join can wait on Thread, allows joinNanos to be removed
JDK-8378276	Refactor test/jdk/java/net/httpclient/quic/ TestNG tests to JUnit
JDK-8378291	Test vector in test/jdk/java/util/jar/JarEntry/GetMethodsReturnClones.java is effectively unsigned
JDK-8378293	GenShen: Simplify selection of aged regions
JDK-8378295	Update scalar AVX10 floating point min/max definitions
JDK-8378296	Remove AppContext from java.awt.event.FocusEvent
JDK-8378297	Remove AppContext from several Swing component and related classes
JDK-8378298	Remove obsolete CDS string tests
JDK-8378312	[VectorAPI] libraryUnaryOp/libraryBinaryOp failed to intrinsify

OpenJDK Patch ID	Synopsis
JDK-8378319	Obsolete the MaxRAM flag
JDK-8378330	Do not malloc the GrowableArrays in async_get_stack_trace
JDK-8378331	G1: WeakProcessor IsAlive and KeepAlive closures not handling humongous candidates correctly
JDK-8378336	G1: j.l.ref.Reference processor always keeps alive all humongous object referents
JDK-8378338	Shenandoah: Heap-used generic verification error after update-refs
JDK-8378344	Refactor test/jdk/java/net/httpclient/*.java TestNG tests to JUnit
JDK-8378347	AIX version checks for 7.1 and 5.X are obsolete
JDK-8378348	Obsolete ParallelRefProcEnabled
JDK-8378353	[PPC64] StringCoding.countPositives causes errors when the length is not a proper 32 bit int
JDK-8378354	Faulty assertion in checkInvariants method of ConcurrentHashMap
JDK-8378369	TestJhsdbJstackMixedWithVDSOCallCore.java fails if missing vdso64.so
JDK-8378371	Default classlist not deterministic due to JIT activity
JDK-8378376	DaCapo-h2-large regression after JDK-8238686
JDK-8378377	Remove use of AppContext from JEditorPane
JDK-8378378	Remove references to obsolete jdk.net.usePlainDatagramSocketImpl property from tests
JDK-8378379	Remove reference to obsolete jdk.net.usePlainSocketImpl property from SSLSocketReset test
JDK-8378385	Remove AppContext from AWT Windows implementation classes
JDK-8378386	Remove AppContext from AWT ModalEventFilter.java
JDK-8378387	Remove AppContext from several macOS AWT classes
JDK-8378388	Add missing @Override annotations in "javax.print.attribute.standard" package part 1

OpenJDK Patch ID	Synopsis
JDK-8378389	Remove AppContext from the Swing RepaintManager
JDK-8378397	Disable usage of system level jshell history in test/hotspot/jtreg/runtime/os/TestWXHealing.java
JDK-8378398	Modernize test/jdk/java/net/URLClassLoader/HttpTest.java
JDK-8378413	C2: Missed Ideal optimization opportunity in PhaseIterGVN for URShiftI still exists
JDK-8378417	Printing All pages results in NPE for 1.1 PrintJob
JDK-8378431	Move input validation checks to Java for java.lang.StringUTF16 intrinsics
JDK-8378439	Remove unused methods in HSpaceCounters
JDK-8378440	ASAN build fails on Windows due to missing dlfcn.h file
JDK-8378442	RBTreeCHeap does not deallocate removed nodes when using remove_at_cursor
JDK-8378443	ACVP testing should include LMS signature verification
JDK-8378446	[CRaC] Replace libcrexec with libcriuengine
JDK-8378462	Build fails with --enable-linktime-gc set when using some devkits/toolchains
JDK-8378464	PixelInterleavedSampleModel constructors and methods do not specify behavior when arguments are null or out of bounds
JDK-8378470	Add future Intel family number
JDK-8378506	[macOS] Window content not updated when rendering to multiple windows
JDK-8378524	Compile-time constant generated through annotation processor is not usable in repeated annotation but fails compilation
JDK-8378535	Parallel: Replace SpaceCounters with HSpaceCounters
JDK-8378549	Incorrect assert in JvmtiThreadState::update_for_pop_top_frame
JDK-8378559	Add setting of captured states like errno
JDK-8378561	Mark gc/shenandoah/compiler/TestLinkToNativeRBP.java as /native

OpenJDK Patch ID	Synopsis
JDK-8378563	ConnectionRefusedMessage::testFinishConnect fails when jdk.includeInExceptions contains hostInfo
JDK-8378565	Refactor test/jdk/java/net/httpclient/http3/*.java TestNG tests to JUnit
JDK-8378569	Refactor test/jdk/java/net/httpclient/http3/H3ErrorHandlingTest.java to use JUnit
JDK-8378578	Add final to XbmColormap and XbmHints in XbmImageDecoder
JDK-8378583	(process) ProcessBuilder tests that span deeper trees must pass launchMechanism to their children
JDK-8378584	(process) Investigate and fix Alpine errors in Basic.java ProcessBuilder test, and re-enable tests
JDK-8378585	Mark fields in MediaTracker final
JDK-8378595	Refactor miscellaneous tests under test/jdk/java/net/httpclient from TestNG to JUnit
JDK-8378598	Refactor tests under test/jdk/java/net/httpclient/websocket from TestNG to JUnit
JDK-8378599	Refactor tests under test/jdk/java/net/httpclient/whitebox from TestNG to JUnit
JDK-8378600	Refactor tests under test/jdk/java/net/httpclient/http2 from TestNG to JUnit
JDK-8378603	libfontmanager FFM path needs to use FFM to locate both malloc and free
JDK-8378605	Remove AppContext from the Swing TimerQueue implementation
JDK-8378607	GlyphLayout cache can prevent Fonts from being GC'd
JDK-8378615	FFM Bound up call stub keeps JNI Global Ref to bound parameter
JDK-8378623	Use unique font names in FormatCharAdvanceTest
JDK-8378625	C2: Refactor MemNode::detect_access_independence to a separate method
JDK-8378631	Update Zlib Data Compression Library to Version 1.3.2

OpenJDK Patch ID	Synopsis
JDK-8378641	Test serviceability/jvmti/RedefineClasses/RedefineVerifyError.java missing UnlockDiagnosticVMOptions after 8376295
JDK-8378642	Add src/utils/LogCompilation/logc.jar to .gitignore
JDK-8378657	OutputAnalyzer should have a quiet mode
JDK-8378675	PPC64: increase instruction cache line size
JDK-8378677	Inline clear into ContiguousSpace::initialize
JDK-8378684	Fix -Wdeprecated-declarations warnings from gtest by clang23
JDK-8378687	Improve delegation of HttpURLConnection
JDK-8378698	Optimize Base64.Encoder#encodeToString
JDK-8378699	runtime/ClassUnload/KeepAliveSoftReference.java Test failed: true != false
JDK-8378702	jdk.test.lib.Platform.isMusl() may return false negative on Alpine Linux
JDK-8378713	C2: performance regression due to missing constant folding for Math.pow()
JDK-8378715	Use early field initialization for java.lang.invoke generated code
JDK-8378719	CompiledDirectCall::set_to_interpreted() fails with guarantee(chk == -1 || chk == 0) failed: Field too big for insn
JDK-8378723	Locale variant delimiter is unclear
JDK-8378727	[macOS] Missing dispatch_release for semaphores in CDesktopPeer
JDK-8378731	Move AOT-inited classes to initialized state in early VM bootstrap
JDK-8378737	AArch64: Fix SVE match rule issues for VectorMask.andNot()
JDK-8378740	Suppressed warnings reported when implicit compilation is combined with annotation processing
JDK-8378742	C2: constant folding for ModFloatingNode should be done in Value method
JDK-8378744	Obsolete NewSizeThreadIncrease flag

OpenJDK Patch ID	Synopsis
JDK-8378746	ZGC: jdk/jfr/event/gc/detailed/TestZRelocationSetGroupEvent.java intermittent OOME
JDK-8378749	Early GC crash with unresolved AOT FMG subgraph classes
JDK-8378752	Enable some subword vector casts IR matching tests for RISC-V
JDK-8378758	[VectorAPI] Add Jtreg scalar operation wrappers for math operators and APIs
JDK-8378764	fileStream::fileSize() fails for >2GB files on Windows
JDK-8378779	NBody demo test times out with C1 stress testing
JDK-8378786	PeerConnectionId::cloneBuffer should use absolute bulk get
JDK-8378792	ObjectMethods.bootstrap missing getter validation
JDK-8378793	Add ResolvedFieldEntry is_valid assert
JDK-8378796	java.lang.runtime bootstrap methods missing lookup validation
JDK-8378798	Test tools/jpackage/junit/share/jdk.jpackage/jdk/jpackage/internal/util/CommandOutputControlTest.java failed: missing IOException
JDK-8378804	Shenandoah: Convert remaining components to Atomic<T>
JDK-8378806	Genshen: Add scope of collection to end of cycle message in JMX notification
JDK-8378808	Refactor java/nio/Buffer TestNG tests to use JUnit
JDK-8378810	Enable missing FFM test via jtreg requires for RISC-V
JDK-8378821	[CRaC] Record & check CRaC engine
JDK-8378823	AIX build fails after zlib updated by JDK-8378631
JDK-8378833	Improve offset arithmetic in ArraysSupport::mismatch
JDK-8378836	Enable linktime-gc by default on Linux ppc64le
JDK-8378838	Fix issues with "dead" code elimination and serviceability agent in libjvm.so on Linux

OpenJDK Patch ID	Synopsis
JDK-8378845	Add NoSafepointVerifier to CriticalSection classes
JDK-8378854	Disable SA tests when ZGC is being used
JDK-8378857	[CRaC] Expose checkpoint method in CRaCMXBean
JDK-8378865	After fix for JDK-8378385 two tests are failing on windows
JDK-8378867	jpackage references non-existing "message.app-image-requires-identifier" l10n key
JDK-8378870	Remove sun.awt.AWTAccessor from imports in ImageIcon
JDK-8378871	CPU feature flags are not properly set in vm_version_windows_aarch64.cpp
JDK-8378872	Mark waitList in FetcherInfo final
JDK-8378873	jpackage: remove macOS-specific code from jdk.jpackage.internal.ModuleInfo
JDK-8378874	jpackage: remove redundant messages
JDK-8378876	jpackage: facilitate testing with mocks
JDK-8378877	jpackage: improve rebranding of exe files on Windows
JDK-8378878	Refactor java/nio/channels/AsynchronousSocketChannel test to use JUnit
JDK-8378879	Refactor java/nio/channels/Channels TestNG tests to use JUnit
JDK-8378880	GenShen: Fix typo in recent conversion to atomic field
JDK-8378883	Enable more vector reductions IR matching tests for RISC-V
JDK-8378884	Migrate jdk/jdk/nio/zipfs tests to use JUnit
JDK-8378885	Add missing @Override annotations in "javax.print.attribute.standard" package part 2
JDK-8378888	jdk/incubator/vector/Float16OperationsBenchmark.java uses wrong package name
JDK-8378891	Problemlist TestStaticCallStub on Windows AArch64

OpenJDK Patch ID	Synopsis
JDK-8378893	X25519 should utilize a larger limb size
JDK-8378894	AOT training run crashes with jcmd VM.native_memory
JDK-8378897	assertion failure due to missing depends_only_on_test_impl definition in SqrtHFNode
JDK-8378898	Remove AppContext from sun/awt/windows/WWindowPeer.java
JDK-8378899	Remove AppContext from java.awt.Toolkit implementation
JDK-8378901	Test "java/foreign/TestSegmentOffset.java timed out
JDK-8378902	Test compiler/vectorapi/TestVectorLibraryUnaryOpAndBinaryOp.java failed
JDK-8378905	RISC-V: fastdebug build fails after JDK-8377554
JDK-8378906	NPE from javac thrown when encountering abstract synthetic bridge method
JDK-8378917	InputEvent checks for SystemClipboard access are unused
JDK-8378918	Remove AppContext from some DnD classes
JDK-8378919	Remove AppContext from the java.awt.Desktop class
JDK-8378920	Remove AppContext from SequencedEvent
JDK-8378923	Remove AppContext from datatransfer classes
JDK-8378927	H3MultipleConnectionsToSameHost.java#with-continuations intermittent fails
JDK-8378935	C2 crash in PhaseOutput::fill_buffer: wrong size of mach node
JDK-8378946	threadDump.schema.json syntax error, missing comma after owner
JDK-8378948	Remove unused local variable in RunnerGSInserterThread
JDK-8378950	Repeated warnings when annotation processing is happening
JDK-8378963	Test test/jdk/java/lang/management/RuntimeMXBean/InputArgument.java#id4 failed

OpenJDK Patch ID	Synopsis
JDK-8378966	C2: PhaseIdealLoop::pin_nodes_dependent_on must not be called with nullptr
JDK-8378968	C2 VectorAVX AVX2: wrong result, bad optimization in VectorLongToMaskNode::Ideal
JDK-8378971	Test jdk/jfr/event/runtime/TestVMInfoEvent.java fails after JDK-8378110 (RuntimeMXBean.getInputArguments())
JDK-8378978	[CRaC] Use CRIU from PATH
JDK-8378985	serviceability/sa/TestJhsdbJstackMixedWithXComp.java failed if sender frame is return barrier of Continuation
JDK-8378992	Case folding cache should not look up code point U+0000
JDK-8378999	BeanContextSupport.add(Object) synchronizes on its argument
JDK-8379013	Remove some unused code in generateOopMap.cpp
JDK-8379015	Convert TraceNewOopMapGeneration to unified logging
JDK-8379018	Remove AppContext from two input method related classes
JDK-8379019	Remove AppContext from WindowEvent
JDK-8379020	GenShen: Promote all objects when whitebox full GC is requested
JDK-8379021	Shenandoah: Speedup ShenandoahSimpleBitMapTest
JDK-8379024	Convert utilities/vmError to use Atomic<T>
JDK-8379025	Convert utilities/debug to use Atomic<T>
JDK-8379026	Convert utilities/events to use Atomic<T>
JDK-8379027	Convert utilities/exceptions to use Atomic<T>
JDK-8379035	(tz) Update Timezone Data to 2026a
JDK-8379039	Build failure on vector API source generation after JDK-8378312
JDK-8379040	Remove inclusion of allocation.hpp from atomicAccess.hpp
JDK-8379041	Crash in ResolvedFieldEntry::assert_is_valid(): invalid put bytecode 0
JDK-8379044	[macos] javadoc for setOpenURIHandler refers to wrong type

OpenJDK Patch ID	Synopsis
JDK-8379083	Executable source program should ignore module declaration
JDK-8379114	HttpServer path prefix matching incorrectly matches paths that are not slash-prefixed
JDK-8379119	G1: Move NoteStartOfMarkHRClosure out of global namespace
JDK-8379121	G1: Remove redundant const_cast in g1BlockOffsetTable
JDK-8379122	Test java/lang/ProcessBuilder/Basic.java fails with 'Exception: java.lang.Error: PATH search algorithm" for multi-call binaries
JDK-8379125	C2: Control of rewired data in Range Check Elimination is not updated when further splitting a main loop leading to a segfault
JDK-8379129	C2 crash in LoadNode::can_split_through_phi_base during Escape Analysis (JDK 25.0.1+8)
JDK-8379137	Remove AppContext from javax.swing.JOptionPane
JDK-8379153	Refactor java/nio/channels/File{Channel,Lock} TestNG tests to use JUnit
JDK-8379154	Refactor Selector TestNG tests to use JUnit
JDK-8379155	Refactor Files TestNG tests to use JUnit
JDK-8379156	Specify behavior of Types.asElement() on array types
JDK-8379158	Update FreeType to 2.14.2
JDK-8379162	AggregateRequestBodyTest.java intermittent fails "Connection closed by client peer: APPLICATION_ERROR"
JDK-8379166	Upstream redundant diffs fixed in Valhalla - Part 1
JDK-8379174	G1: Too high G1RemSetArrayOfCardsEntriesBase causes invalid ergonomic G1RemSetArrayOfCardsEntries
JDK-8379180	C2: assertptr□bottom_type() == Type::TOP) || ((base == Compile::current()□top(== (ptr□bottom_type()□make_ptr()□isa_oopptr() == nullptr))) failed: base input only needed for heap addresses
JDK-8379181	Convert ObjectMonitorTable to use Atomic<T>
JDK-8379182	[test] java/lang/ProcessBuilder/PipelineLeaksFD.java fails

OpenJDK Patch ID	Synopsis
JDK-8379191	SunX509KeyManagerImpl alias chooser methods returns null for EC_EC
JDK-8379192	Use an initializer list in the ObjectWaiter constructor
JDK-8379193	Incorrect build ID path in SATestUtils.java
JDK-8379195	Refactor Arrays TestNG tests to use JUnit
JDK-8379196	delta apply fix for JDK-8214934
JDK-8379200	G1: Remove G1HeapRegion completion facility
JDK-8379201	Wrong type annotation offset on casts on expressions (redo)
JDK-8379202	Support linktime-gc on Linux with clang
JDK-8379203	[BACKOUT] Remove some unused code in generateOopMap.cpp
JDK-8379224	Always use zero as invalid page size
JDK-8379229	Remove AppContext from javax.swing.JComponent
JDK-8379230	JFR: Do not store leak context edge idx in markWord
JDK-8379231	Assembler::mov64 always emits 10-byte movabs even for small immediates
JDK-8379233	[REDO] Remove some unused code in generateOopMap.cpp
JDK-8379256	Update GIFlib to 6.1.1
JDK-8379260	C2: Separate volatile barrier and full barrier
JDK-8379273	Convert miscellaneous utilities to use Atomic<T>
JDK-8379284	Avoid the need to keep obsolete preview feature constants until bootstrap JDK is upgraded
JDK-8379297	Serial: Replace CSpaceCounters with HSpaceCounters
JDK-8379326	Use JUnit in lib-test/jdk tests, here MethodTemplateTest
JDK-8379331	Remove modular transition support settings from TEST.ROOT files
JDK-8379334	jpackage: fix bug in DottedVersion.greedy() function
JDK-8379337	Deprecate Modifier.toString

OpenJDK Patch ID	Synopsis
JDK-8379341	jpackage: consolidate modular app tests
JDK-8379344	Compact the Unicode/CLDR version tables
JDK-8379345	jpackage: Fix issues in tests to improve their flexibility
JDK-8379346	Cleanup casts and implicit conversions to boolean
JDK-8379347	VoiceOver Doesn’t Correctly Identify JToggleButtons as "toggle buttons"
JDK-8379348	jpackage will use wrong arch suffix for RPM bundle when running on Debian Linux
JDK-8379362	C2: Buffer overrun in VectorSupport::lanetype2name
JDK-8379363	FontInfo improvements
JDK-8379364	Shenandoah: Remove duplicate semicolons in GenShen code
JDK-8379367	GenShen: Replace atomic promotion failure counters with thread local variables
JDK-8379371	Proposed cleanups for JDK-8373595 A new ObjectMonitorTable implementation
JDK-8379372	Enable some vector algorithms IR matching tests for RISC-V
JDK-8379394	Confine array dimension setting to the ArrayKlass constructor
JDK-8379395	[VectorAlgorithms] new dot-product implementation using fma
JDK-8379396	"assert(offset + partition_size □ size()) failed: partition failed" when combining NonProfiledCodeHeapSize and large value for CICompilerCount
JDK-8379404	G1: Hide ConcurrentMarkThread reference from outside ConcurrentMark
JDK-8379411	Use TestFramework scenarios in 837841
JDK-8379412	JfrJavaSupport::new_string should return early if pending exception
JDK-8379415	Contended classes can leave unused alignment padding
JDK-8379416	AIX build fails if system (not GNU) date tool is in PATH
JDK-8379425	Windows and macOS should not allow unsupported headless-only build

OpenJDK Patch ID	Synopsis
JDK-8379426	[macos] jpackage: runtime bundle version suffix is out of sync with the version property in the Info.plist file
JDK-8379431	[macos] jpackage issues unexpected warning when bundling an unsigned runtime package from the signed predefined runtime bundle
JDK-8379432	jpackage: Make default equals() in jdk.jpackage.test.CannedFormattedString class work as expected
JDK-8379433	Throwing proper exception for invalid encapsulation length in Hybrid
JDK-8379435	More proposed cleanups for JDK-8373595 A new ObjectMonitorTable implementation
JDK-8379437	Refactor ProcessBuilder and ProcessHandle tests to JUnit
JDK-8379441	Refactor jaxp/javax catalog tests to use JUnit
JDK-8379442	GenShen: Fix two errors introduced by 29039
JDK-8379443	Correct build tags in some math tests
JDK-8379448	[PPC64] Build without C2 broken after 8373595
JDK-8379454	SA still calculates end address with incorrect alignment
JDK-8379456	Test jdk/jfr/event/runtime/TestVMInfoEvent.java now fails with java.lang.NoClassDefFoundError: java/lang/management/ManagementFactory
JDK-8379457	Test EATests.java#id0 ERROR: monitor list errors: error_cnt=1
JDK-8379460	C2: Notify AddI/AddL to URShiftI/URShiftL users
JDK-8379464	Enable missing stack walking test via jtreg requires for RISC-V
JDK-8379477	Tests in test/jdk/com/sun/net/httpserver/ may need to use othervm
JDK-8379481	Recent JNI methods are missing DTrace probes
JDK-8379487	Dangling static ref to fallback error in libinstrument's JavaExceptions.c
JDK-8379499	[AIX] headless-only build of libjawt.so fails
JDK-8379502	Remove unused PhaseOutput::need_register_stack_bang()

OpenJDK Patch ID	Synopsis
JDK-8379506	Parallel: Move Parallel specific flags to parallel_globals.hpp
JDK-8379511	G1: G1CollectorState should derive concurrent cycle state from G1ConcurrentMark
JDK-8379515	draft-ietf-lamps-kyber-certificates is now RFC 9935
JDK-8379516	Adjust JVM debug helper exports
JDK-8379520	Make use of new Taglet.toString method in JDK build taglets
JDK-8379528	Add @required in open/test/jdk/:jdk_sctp test, as these are applicable only on linux platforms
JDK-8379531	Shenandoah: Allow safepoint preemption during allocation of very large arrays
JDK-8379535	test/jdk/java/io/File/ListRoots.java fails with RuntimeException: Does not match FileSystem::getRootDirectories
JDK-8379544	C2: URShiftI Ideal optimization opportunity for - 3rd level notification required
JDK-8379548	java/util/logging/ParentLoggersTest.java failed with missing myParentLogger value
JDK-8379549	sun/security/ssl/SSLSocketImpl/SSLSocketSSLEngineCloseInbound.java failed with SocketException: Connection reset by peer
JDK-8379550	Bad bytecode offset after JDK-8371155
JDK-8379551	sun/text/IntHashtable/Bug4705389.java timed out
JDK-8379552	Correct build tags in StrictMath/PowTests.java
JDK-8379555	Test compiler/igvn/ExpressionFuzzer.java crashed with -Xcomp: Not monotonic
JDK-8379557	Further optimize URL.toExternalForm
JDK-8379558	Test java/util/ResourceBundle/modules/basic/BasicTest.java times out on windows-x64 in Xcomp mode
JDK-8379564	Hotspot fails to build with gcc 14 after JDK-8378804

OpenJDK Patch ID	Synopsis
JDK-8379567	URL documentation about encoding/decoding is hard to read
JDK-8379583	(fs) Files.copy use of posix_fadvise is problematic on Linux
JDK-8379620	G1: Typing error in jvmFlagConstraintsG1.cpp
JDK-8379621	Compiler produces unverifiable class-file when using primitive type with instanceof
JDK-8379622	Problemlist java/nio/channels/SocketChannel/OpenLeak.java and CloseDuringConnect.java on macos 26
JDK-8379625	PPC: cleanup C2 OptoAssembly
JDK-8379626	Refactor jaxp/functional/javax/xml tests to use JUnit
JDK-8379628	Refactor langtools/shellsupport/doc tests to use JUnit
JDK-8379630	Add JMH benchmark to measure the overhead of using captured call state
JDK-8379636	constantPool.hpp includes bsmAttribute.inline.hpp
JDK-8379664	[CRaC] Deprecate Core.getGlobalContext()
JDK-8379665	Obsolete AlwaysActAsServerClassMachine and NeverActAsServerClassMachine
JDK-8379667	C2: Deep recursion with cmovP_regNode::bottom_type
JDK-8379671	C2: Fix usage of PhaseGVN::transform in some intrinsics
JDK-8379672	jdk/internal/misc/VM/RuntimeArguments.java test still fails in Virtual threads mode after JDK-8373718
JDK-8379675	test/jdk/sun/security/pkcs11/rsa/GenKeyStore.java uses removed methods
JDK-8379677	G1: Micros-System.gc benchmarks regress after moving to PartialArrayStates
JDK-8379679	java/foreign/TestConcurrentClose.java awaitTermination times out on Windows debug builds
JDK-8379687	Reduce C heap usage when VerifyMethodHandles flags is on

OpenJDK Patch ID	Synopsis
JDK-8379688	GenShen: Skip promotions when marking finds enough immediate garbage
JDK-8379699	H3ConnectionPoolTest::testH2H3WithTwoAltSVC fails intermittently
JDK-8379704	[s390x] Build without C2 broken after 8373595
JDK-8379706	Cleanup and clarify BarrierSetAssembler::try_resolve_weak_handle_in_c2
JDK-8379707	UserAuthWithAuthenticator::h3Test fails intermittentently
JDK-8379710	Enable vector if-conversion IR matching tests for RISC-V
JDK-8379722	C2: assert that result is used for CallLeafPureNode in final graph reshaping
JDK-8379744	Add a way to update the key of a red-black tree node
JDK-8379778	SunGraphics2D improvements
JDK-8379781	G1: Full GC does not print partial array task stats
JDK-8379782	Implement Object Monitor Table enabled by default
JDK-8379790	MemNode::can_see_stored_value incorrectly walks past barriers
JDK-8379792	UBSAN runtime error: signed integer overflow during compress expand value transform
JDK-8379794	C2: UBSAN runtime error: shift exponent 64 is too large for 64-bit type 'long unsigned int'
JDK-8379795	Test SuspendResume3.java can timeout due to deadlock
JDK-8379798	Refactor remaining tests in javax/xml/jaxp/functional to JUnit
JDK-8379799	Upstream redundant diffs fixed in Valhalla - langtool tests 1
JDK-8379802	[AIX] unify DL_info struct and put it into a single header
JDK-8379804	Refactor jdk/com/sun tests to use JUnit
JDK-8379811	Disable AOTCodeCache if Assembly intrinsics use differs from Production use
JDK-8379818	Refactor java/nio/file/Files/StreamLinesTest.java to use JUnit

OpenJDK Patch ID	Synopsis
JDK-8379819	Creating AOT configuration crashes in MethodTrainingData::prepare
JDK-8379824	Refactor java/io tests to use JUnit
JDK-8379828	Remove ResourceBundle module tests with legacy ISO code property
JDK-8379830	The warnings for value-based classes need updating to include use of the Reference API
JDK-8379846	G1: IHOP Allocation rate calculation too sensitive to outliers causing endless concurrent cycles
JDK-8379867	C2 VectorAPI: Rename TypeVectMask TypePVectMask for clarity
JDK-8379873	Remove undefined debugging declarations in os_windows.cpp
JDK-8379917	JFR: Method timing event can have incorrect minimum value
JDK-8379937	NullActiveWindowOnFocusLost.java fails intermittently.
JDK-8379938	[macos] jpackage SigningPackageTest test doesn’t create .pkg and .dmg bundles
JDK-8379952	Revert JDK-8365711: Restore protected visibility of menuBarHeight and hotTrackingOn
JDK-8379953	[macos] VoiceOver Reads "Header" instead of "Heading"
JDK-8379967	(process) Improve ProcessBuilder error reporting
JDK-8379968	Test crashed: assert(cl._thread_status != JavaThreadStatus::NEW) failed: unstarted Thread
JDK-8379973	Provide means to customize localized patterns in DateTimeFormatter/Builder
JDK-8379981	Virtual thread: crash in stackChunkOopDesc::print_on when thawing frame
JDK-8380011	Path-to-gcroots search should not trigger stack overflows
JDK-8380025	C2: Missed Value() optimization opportunity in CCP with LoadUB
JDK-8380028	Fix Page8 of manual test java/awt/print/PrinterJob/PrintTextTest.java on macOS

OpenJDK Patch ID	Synopsis
JDK-8380030	[AIX] unify dladdr between hotspot and libawt
JDK-8380033	Test java/util/jar/Manifest/IncludeInExceptionsTest.java could be more agnostic to VM default
JDK-8380037	JFR: Don’t format identifiers as numbers
JDK-8380041	PPC: remove POWER6 remnants
JDK-8380060	C2: Wrong execution with COH and arraycopy
JDK-8380074	Reflection::areNestMates should be used by Class::isNestmateOf
JDK-8380078	Update GIFlib to 6.1.2
JDK-8380079	Add separate flag for platforms on which copy and clear operations are faster with AVX3Threshold set to 0
JDK-8380080	PopFrame logic assumes trailing member name arg is recoverable as local 0
JDK-8380081	jpackage: Incorrect descriptions of win-specific options
JDK-8380083	Enable some vector mask cast IR matching tests for RISC-V
JDK-8380085	jpackage (Linux) launcher crashes with SIGSEGV when input contains large number of JAR files
JDK-8380091	Tests in runtime/cds are failing with log parsing errors - missing output - but the output seems present
JDK-8380103	Perfdata shared memory file flock failures
JDK-8380105	Test vmTestbase/nsk/jdi/ThreadReference/ownedMonitorsAndFrames/ownedMonitorsAndFrames003/ownedMonitorsAndFrames003.java failed
JDK-8380109	Implement JEP 533: Structured Concurrency (Seventh Preview)
JDK-8380125	Formatting issue for few swing classes
JDK-8380129	Remove AccessFlags::print_on in favor of context-specific printing
JDK-8380147	Don’t require a CompilationUnit for end position APIs
JDK-8380150	JavaCallArguments defined too late

OpenJDK Patch ID	Synopsis
JDK-8380158	C2: compiler/c2/TestGVNCrash.java asserts with adr and adr_type must agree
JDK-8380163	Fix implicit conversion in macroAssembler_aarch64.hpp
JDK-8380164	Fix implicit conversion in nativeInst_aarch64.hpp
JDK-8380168	Obsolete unused flag UseNewLongLShift
JDK-8380198	Convert java/util/prefs/PrefsSpiTest.java to JUnit
JDK-8380204	java/io/File/EmptyPath.java fails due to unexpected listRoots value
JDK-8380218	Refactor test/jdk/java/nio/charset TestNG tests to JUnit
JDK-8380219	Interpreter debugging would be easier if InterpreterCodelets could print their assembly code
JDK-8380221	Change jdk/nio/Basic.java to use JUnit
JDK-8380222	Refactor test/jdk/java/lang/Character TestNG tests to JUnit
JDK-8380223	Refactor test/jdk/sun/util/resources TestNG tests to JUnit
JDK-8380228	JNI primitive type mismatch in Java_com_sun_java_swing_plaf_gtk_GTKLookAndFeel_applyThemeIfNeeded of swing_GTKEngine.c:403 (ID: 52423)
JDK-8380229	2 Impossible or redundant condition defect groups in 2 files
JDK-8380236	macOS build is broken by JDK-8359706
JDK-8380281	Remove the client emulation mode
JDK-8380284	[CRaC] Deprecate Core.checkpointRestore()
JDK-8380288	[BACKOUT] Incorrect Interpretation of POSIX TZ Environment Variable on AIX
JDK-8380291	AOT cache should store only unregistered classes with file: code source
JDK-8380292	Confusing "reverted *" messages during training
JDK-8380298	Rename _pagesizes and _pre_allocated_pagesizes in hugepages.cpp
JDK-8380303	Obsolete unused flag UseXMMForArrayCopy

OpenJDK Patch ID	Synopsis
JDK-8380307	Refactor miscellaneous JAXP tests in javax/xml/jaxp/unittest to JUnit
JDK-8380316	Test runtime/os/AvailableProcessors.java fails Invalid argument
JDK-8380390	Shenandoah: Missing store barrier when resetting bitmaps
JDK-8380407	GenShen: Problem with com/sun/jdi/ThreadMemoryLeakTest
JDK-8380408	GenShen: Fix regression with vmTestbase/gc/memory/Churn/Churn2/TestDescription.java
JDK-8380409	JVM crashes when -XX:AOTMode=create uses app.aotconf generated with JVMTI agent
JDK-8380416	Enable CmpUNodeValueTests.java IR tests for RISC-V
JDK-8380422	Fix Formatting issues missed in JDK-8380125
JDK-8380427	Revert JDK-8380292Confusing "reverted *" messages during training
JDK-8380428	ProblemList containers/docker/TestJcmdWithSideCar.java on linux-all
JDK-8380431	Shenandoah: Concurrent modification of stack-chunk objects during evacuation
JDK-8380441	G1: Move G1GCPauseType to G1CollectorState
JDK-8380446	C2: mask_and_replace_shift_amount should work for effectively-constant shift counts
JDK-8380447	Fix linter warnings in compiler testlibrary
JDK-8380450	(zipfs) ZipFileSystem::getPath and ZipPath::resolve throw unspecified IllegalArgumentException for unmappable names
JDK-8380452	ZipOutputStream::putNextEntry(ZipEntry) throws unspecified IllegalArgumentException for unmappable entry name
JDK-8380457	Cleanup ShortRSAKeyWithinTLS test and remove hardcoded debug
JDK-8380459	Shenandoah: Do not reset bytes-allocated-since-gc-start when degenerating
JDK-8380464	Inconsistency in emitting warning messages in vm_version_x86.cpp
JDK-8380467	JFR: RepositoryFiles.updatePaths() searches for chunkfiles incorrectly

OpenJDK Patch ID	Synopsis
JDK-8380472	Clean up test/jdk/jdk/nio/zipfs/PathOps.java shared file system usage
JDK-8380474	Crash SEGV in ThreadIdTable::lazy_initialize after JDK-8323792
JDK-8380475	C2: Improve AndNode::Identity with KnownBits
JDK-8380513	[VectorAlgorithms] mismatch benchmark and test
JDK-8380516	HotSpot has two different ways of making Windows strtok_s available as strtok_r
JDK-8380523	Refactor TLAB slow allocation naming
JDK-8380526	G1: Remove "last young" use for the Prepare Mixed GC
JDK-8380532	Parallel: Rename allocate to cas_allocate in PSYoungGen
JDK-8380534	Use loopback address in java/net/DatagramPacket/ReuseBuf.java test
JDK-8380541	G1: Add g1CollectorState.inline.hpp file
JDK-8380542	ZipOutputStream.setComment and ZipEntry.setComment spec updates for rejecting unmappable characters and allowing null or empty comments
JDK-8380561	Refactor java/nio/channels/DatagramChannel TestNG tests to use JUnit
JDK-8380562	GenShen: GC notification event may see invalid values
JDK-8380564	Parallel: Rename allocate to cas_allocate_with_expansion in PSOldGen
JDK-8380565	PPC64: deoptimization stub should save vector registers
JDK-8380578	Remove miscellaneous AppContext uses, mostly in XAWT
JDK-8380579	C2: Intermittent fastdebug assert in Parse::sharpen_type_after_if: missing type check info
JDK-8380580	Enable TestCombineAddPWithConstantOffsets.java IR tests for RISC-V
JDK-8380590	Parallel: Improve tenuring-threshold heuristics
JDK-8380634	[macos] Remove macOS version restrictions on start with zero and limit to three components
JDK-8380636	Add static asserts for mirrored library constants

OpenJDK Patch ID	Synopsis
JDK-8380641	Thread dump parsing and test improvements
JDK-8380649	Parallel: Inline initialize_region_data and create_vspace of ParallelCompactData
JDK-8380651	[ubsan] gc/logging/TestGCId.java triggers runtime error: division by zero in shenandoahAdaptiveHeuristics
JDK-8380656	G1: Refactor G1IHOPControl
JDK-8380663	Update jcmd man page to include AOT.end_recording diagnostic command
JDK-8380664	Remove stub entries used in x86-32
JDK-8380665	(dc) java/nio/channels/DatagramChannel/SendReceiveMaxSize.java could also test the loopback interface
JDK-8380671	Refactor BasicFloat16ArithTests.java
JDK-8380672	Improve certification checking
JDK-8380686	GenerateOopMap logging crashes in rewriter
JDK-8380703	Assertion failure in TestCodeEntryAlignment.java
JDK-8380710	nmethod::finalize_relocations() should be called before ICache::invalidate_range() is called
JDK-8380714	sun.font.HBShaper : use getUpcallStub to create all up call stubs
JDK-8380753	C2: RegMask::find_first_set() incorrectly returns partially contained sets for scalable vector registers
JDK-8380755	jdk/jfr/event/gc/heapsummary/TestHeapSummaryEventG1.java fails gcId should be increasing
JDK-8380764	Vector classes should have @ValueBased
JDK-8380771	Add missing CodeBlob Vptr implementations
JDK-8380772	Rename _total_allocations to _total_allocated_size in ThreadLocalAllocStats
JDK-8380773	Extend ContainerMemoryUsageEvent to include host memory usage

OpenJDK Patch ID	Synopsis
JDK-8380776	No longer necessary to disable calloc-transposed-args warnings when building harfbuzz
JDK-8380789	RISC-V: TestOpaqueConstantBoolNodes.java fails when running without RVV
JDK-8380790	Each invocation of getAccessibleText() adds DocumentListener
JDK-8380794	AttributedString performance
JDK-8380795	Consider omitting type annotations from method arguments in diagnostics
JDK-8380804	Remove remaining AppContext usage from the Swing implementation
JDK-8380824	java/net/DatagramSocket/SendReceiveMaxSize.java could also test the loopback interface
JDK-8380825	AOT tests should run in two step training mode by default
JDK-8380828	AOTCodeReader::fix_relocations() should be called before ICache::invalidate_range() is called
JDK-8380846	GenShen: Remove the experimental option to disable adaptive tenuring
JDK-8380848	jdk/nio/zipfs/ZipFSTester.java fails after JDK-8378884
JDK-8380849	VoiceOver Fails to Activate Custom Button
JDK-8380872	Remove lingering comments about the removed stack locking
JDK-8380896	Reduce runtime for MonitorVmStartTerminate.java on hosts with a lot of VMs
JDK-8380903	[BACKOUT] Mitigate Neoverse-N1 erratum 1542419 negative impact on GCs and JIT performance
JDK-8380904	Test java/lang/StringBuilder/HugeCapacity.java asserts during code emission on Windows
JDK-8380912	"Trailing white space will be removed" incorrectly triggered with \u2028
JDK-8380913	Sealed graph taglet omits public subtypes of invisible subtypes
JDK-8380915	Cleanup some Java declarations of the Vector API

OpenJDK Patch ID	Synopsis
JDK-8380931	Refactor remaining java/nio/channels TestNG tests to use JUnit
JDK-8380936	Cleanup temp dir usage in ZipFSTester
JDK-8380941	Remove AppContext from java.awt.Window implementation
JDK-8380942	Fix whitespace and conditional logic in interpreter code
JDK-8380945	[IR Framework] Test VM is finished before TestFrameworkSocket is ready to accept connection
JDK-8380947	Add pull request template
JDK-8380955	Value-based classes in FFM should have @ValueBased
JDK-8380956	HexFormat shoud have @ValueBased
JDK-8380958	GenShen: Regulator thread may observe inconsistent old generation state
JDK-8380959	Update Libpng to 1.6.56
JDK-8380960	"Foreign function access" discussion links to wrong downcallHandle overload
JDK-8380968	classfile package doc mentions nonexistent UtfEntry
JDK-8380971	New -Werror syntax does not exclude categories
JDK-8380987	Fix implicit narrowing conversion in klass.hpp
JDK-8380988	C2: Unexpected node in SuperWord truncation: UModI/UDivI
JDK-8380989	HttpRequest.Builder#headers() throws an exception if an empty array is passed
JDK-8380990	Update testng and junit tests to use diagnoseConfigurationIssue() method and post processing
JDK-8380999	Update IPSupport by adding diagnoseConfigurationIssue() method
JDK-8381002	Thread dump should convert longs to json numbers if possible
JDK-8381003	[REDO] Mitigate Neoverse-N1 erratum 1542419 negative impact on GCs and JIT performance

OpenJDK Patch ID	Synopsis
JDK-8381006	G1: Wrong IHOP old gen allocation rate calculation in presence of periodic gcs
JDK-8381007	MultiPixelPackedSampleModel can throw ArithmeticException
JDK-8381008	[aix] Test java/net/DatagramSocket/SendReceiveMaxSize.java#preferIPv6Loopback fails after JDK-8380824
JDK-8381012	Add warning for == for MemorySegment.NULL
JDK-8381015	CharsetEncoder.canEncode(CharSequence) is slow for UTF-8, UTF-16, UTF-32
JDK-8381019	Remove AppContext usage from AccessBridge
JDK-8381020	Remove AppContext from java.awt.Dialog
JDK-8381037	Remove AppContext from miscellaneous awt shared classes
JDK-8381039	Enhance AWT ImagingLib
JDK-8381049	Enhance Jar handling
JDK-8381059	Add class name to deoptimization events and -Xlog:deoptimization=debug output
JDK-8381117	AOT training run fails if memory for ConstantPool is reused
JDK-8381145	Missing ResourceMark in Mutex::print_on()
JDK-8381154	Shenandoah: Region states could be read in wrong order for comparisons
JDK-8381158	[CRaC] Fix fileStream move ctor/operator
JDK-8381170	JFR: Recursion in jdk.MethodTrace caused by Integer::reverseBytes
JDK-8381176	Utilities.expectedNegoAppProtocol chooses client ALPN protocol over server's
JDK-8381184	Code clean up: missing line break and print out duplication
JDK-8381205	GHA: Upgrade Node.js 20 to 24
JDK-8381208	Init cause with the caught runtime exception

OpenJDK Patch ID	Synopsis
JDK-8381219	ZGC Relocation Set Selection Silently Loses Page Statistics
JDK-8381233	Linker does not need to be value based class
JDK-8381235	TestCompileTaskTimeout intermittently fails due to unexpected exit code 1
JDK-8381250	Enable VectorLogicalOpIdentityTest.java IR tests for RISC-V
JDK-8381257	[s390x] deoptimization stub should save vector registers
JDK-8381270	TestGCPhaseConcurrent.java#Z intermittent fails OOME
JDK-8381315	compiler/vectorapi/TestVectorReallocation.java fails with -XX:UseAVX=1 after JDK-8380565
JDK-8381316	HttpClient / Http3: poor exception messages on SSL handshake errors
JDK-8381320	Problemlist compiler/vectorapi/TestVectorReallocation.java
JDK-8381359	Refactor java/net/DatagramSocket TestNG tests to use JUnit
JDK-8381362	C2: assert(_late_inlines.length() == 0 || IncrementalInlineMH || IncrementalInlineVirtual) failed: not empty
JDK-8381364	Update the java tool specification for CompileCommand compile levels
JDK-8381367	[lworld] tools/jpackage/share/AppVersionTest.java timed out while reporting errors
JDK-8381379	Support std/dstOffset attributes in CLDR's metazone definitions
JDK-8381380	Test host wildcard matching as part of a TLS validation of the server's identity
JDK-8381382	Shenandoah: assert(capacity > 0) failed: free regions must have allocation capacity
JDK-8381384	jpackage: add test coverage to WiX discovery
JDK-8381385	nsk/jdi/ClassLoaderReference/visibleClasses/visibleclasses002/ fails with --enable-preview and Java Usage Tracker enabled
JDK-8381397	G1: Inline initiate_conc_mark/record_conc_mark_init_end
JDK-8381403	@Deprecated annotation has no effect warnings on record components

OpenJDK Patch ID	Synopsis
JDK-8381409	Fix whitespace and variable name in classfile code
JDK-8381412	[PPC64] unproblemlist JDK-8320897
JDK-8381413	G1: Verification accesses G1CollectorState checking whether in concurrent start gc after it has been reset for this pause
JDK-8381418	Clarifying the identity Parameter in the Java Stream.reduce() Method Documentation
JDK-8381434	Convert hard coded debug to Boolean.getBoolean in security libraries
JDK-8381436	Remove Obsolete Translation Resources
JDK-8381449	Build fails when Windows is not installed on C:
JDK-8381451	Prefetch support on Windows/x86 and Windows/AArch64
JDK-8381452	TestMultiplyReductionByte.java: Update the IR test on AArch64 for vector length above 128 bits
JDK-8381464	Typo in Linker::captureCallState JavaDoc
JDK-8381466	G1: Fix outdated name in G1Policy::decide_on_concurrent_start_pause
JDK-8381475	Test tools/sincechecker/modules/jdk.compiler/JdkCompilerCheckSince.java fails for DocSourcePositions.java
JDK-8381487	Replace threadDump.schema.json with document to describe format
JDK-8381519	Enhance Der Value Handling
JDK-8381549	GenShen: Global collections skip coalesce and fill when the collection set is empty
JDK-8381550	Shenandoah: Fix confusing end of degenerated cycle log message
JDK-8381553	Clean up AOTCodeCache configuration checks
JDK-8381554	RISC-V: Small refactoring for cmp_klass_compressed macro-assembler routine
JDK-8381555	test/hotspot/jtreg/gc/arguments/TestG1CompressedOops.java fails on 32 bit architectures

OpenJDK Patch ID	Synopsis
JDK-8381561	G1: Cleanup patch in preparation for eager reclamation of flat arrays
JDK-8381566	G1: Concurrent refinement pre-sweep time logged as incorrect negative value
JDK-8381568	Refactor java/net/spi/InetAddressResolverProvider test from testNg to use JUnit
JDK-8381579	C2: "fatal error: LROTATE: double" when using VectorAPI
JDK-8381596	Adjust checks which use supports_ht() on x86 for hybrid CPUs
JDK-8381606	Javadoc typo in ResourceBundle example
JDK-8381609	com/sun/jdi/EATests.java should not synchronize on an Integer instance
JDK-8381611	RISC-V: Factor out function cmpptr from MacroAssembler
JDK-8381616	Refactor various java/net/**Socket**/ TestNG tests to use JUnit
JDK-8381617	vm_version_windows_aarch64.cpp: PF_ARM_SVE_INSTRUCTIONS_AVAILABLE undeclared identifier
JDK-8381620	[CRaC] MissingMetadataTest fails on Linux ARM
JDK-8381623	Additional immutability in sun.font: ExtendedTextSourceLabel, GlyphLayout
JDK-8381635	[CRaC] Add cross-platform test for CRaCIgnoreRestoreIfUnavailable
JDK-8381636	Add built-in AOT support to GrowableArray
JDK-8381639	Remove bug id 8381475 from test/jdk/tools/sincechecker/modules/jdk.compiler/JdkCompilerCheckSince.java
JDK-8381642	javac provides the wrong line number for an error in a lambda expression
JDK-8381643	Shenandoah: Remove duplicate region filtering logic
JDK-8381644	Locale matching APIs should describe `null` element behavior
JDK-8381650	Vector rotate operations on AArch64 with NEON
JDK-8381651	Remove non-failing ModalFocusTransfer test from Problemlist

OpenJDK Patch ID	Synopsis
JDK-8381654	Tokenizer warnings dropped when annotation processing is present
JDK-8381655	Port JDK-8363978 fix from leyden repo to mainline
JDK-8381656	Take into account trampoline stub size and its relocations on Aarch64
JDK-8381658	Update nsk/jvmti/scenarios/sampling to better test virtual threads
JDK-8381659	Determine actual jump instruction when AOT and JITed code are used
JDK-8381662	New test compiler/exceptions/TestDebugDuringExceptionCatching.java failing with C1-only
JDK-8381670	Revert the changes to GZIPInputStream related to InputStream.available() usage
JDK-8381677	Remove dependence of UseSHA on UseSHAIntrinsics
JDK-8381681	Clarify locale usage in Javadoc for the Locale display methods
JDK-8381683	Pass temp registers and use them in CardTableBarrierSetAssembler::store_check() on Aarch64
JDK-8381703	G1: Racy re-read of G1CMRootRegion::num_remaining_regions causes assertion failures
JDK-8381710	Avoid using lambdas in ModuleBootstrap in AOT training mode
JDK-8381722	Incremental build fails with FileAlreadyExistsException: PreviewFeature.java
JDK-8381723	Crash in fastdebug VM: assert(strlen(name1) + strlen(name2) < sizeof(stub_id)) failed
JDK-8381724	RISC-V: Pass temp registers and use them in CardTableBarrierSetAssembler::store_check()
JDK-8381739	Comma-separated declaration with type-use annotations causes compiler crash
JDK-8381745	Ensure Modal/FileDialog tests explicitly reference Asserts class
JDK-8381746	Add --with-print-assembly-options configure flag to set default PrintAssemblyOptions

OpenJDK Patch ID	Synopsis
JDK-8381765	AArch32: Capstone hsdis does not build
JDK-8381767	Refactor various java/net/**[URL/Http]**/ TestNG tests to use JUnit
JDK-8381768	C2: GC barrier stubs miscalculate skipped instructions size
JDK-8381770	Revert some shared changes done by JDK-8381003
JDK-8381771	Add a check for DNS label not to end with a hyphen
JDK-8381772	Remove mention of "mutable strings" in java.lang.String Javadocs
JDK-8381787	Add testcase for Vector Lane Reversal issue
JDK-8381793	Clean up unused ProblemList-coh.txt
JDK-8381795	AArch64: Optimized build is broken after JDK-8381003
JDK-8381796	Enhance Certificate parsing
JDK-8381807	AArch64: compiler/cpuflags/CPUFeaturesClearTest.java fails on SVE after JDK-8364584
JDK-8381811	[S390] Add support for JDK-8200555
JDK-8381812	The synthetic $deserializeLambda$ is notably bigger
JDK-8381819	Test compiler/cpuflags/TestAESIntrinsicsOnUnsupportedConfig.java fails after JDK-8364584
JDK-8381829	Obsolete AggressiveHeap
JDK-8381834	Improve TLAB sizing heuristics
JDK-8381838	java/net/DatagramSocket/SendReceiveMaxSize.java fails to compile after JDK-8381008
JDK-8381840	Lots of /tmp/8173970-<number> folders on test machines
JDK-8381842	Refactor remaining TestNG tests under java/net/ to use JUnit
JDK-8381843	FileDialog:setFile() specification needs to be enhanced w.r.to file selection
JDK-8381851	handleMessage use uninitialized struct

OpenJDK Patch ID	Synopsis
JDK-8381862	Refactor remaining TestNG tests under jdk/net/ExtendedSocketOption to use JUnit
JDK-8381865	Fix debug build failure caused by not clearing CPU_APX_F feature after JDK-8364584
JDK-8381871	GenShen: ShenandoahGCHeuristics flag not reset after ignoring non-adaptive value
JDK-8381872	C2: assert before block local scheduling failed with UseCompactObjectHeaders
JDK-8381879	JDK-8372617 has broken the Zero build
JDK-8381880	Test compiler/c1/TestTooManyVirtualRegistersMain.java uses wrong class in CompileCommand
JDK-8381898	SwitchBootstraps::typeSwitch() not accepting Float, Double types
JDK-8381899	Assertions and crashes in aot/cds tests on Linux Alpine
JDK-8381900	Test vmTestbase/nsk/jvmti/scenarios/allocation/AP03/ap03t001 does not handle frequent GC gracefully
JDK-8381924	Fix include guard in lambdaProxyClassDictionary.hpp
JDK-8381926	Fix implicit conversion in macroAssembler_riscv.hpp
JDK-8381932	Publish stubgen entries when -XX:-AOTStubCaching configured
JDK-8381933	Possible memory leak in src/hotspot/share/gc/shenandoah/shenandoahHeapRegionCounters.cpp
JDK-8381934	Wrong type passed to FREE_C_HEAP_ARRAY deallocating G1CardSetMemoryManager
JDK-8381935	Improve numChunks range in the PPC64 CallAranger
JDK-8381937	Make exceptions in Java_sun_security_mscapi_CKeyPairGenerator generateCKeyPair more specific
JDK-8381939	G1: Fix marking state verification at the end of a concurrent start pause
JDK-8381965	NullPointerException in TypeAnnotationPositions

OpenJDK Patch ID	Synopsis
JDK-8381968	Extend cds/appcds/aotCode/AOTCodeFlags.java to run test with different flags in assembly and prod run
JDK-8381969	os::physical_memory is still broken in 32-bit systems when running on 64-bit OSes
JDK-8381975	CPU feature verification in AOTCodeCache should check for exact match
JDK-8381984	Test jdk/nio/zipfs/ZipFSTester.java fails with mismatched timestamp
JDK-8381985	Shenandoah: allocation rate sample could be wrong in some rare cases
JDK-8381988	Fix inconsistency in clearing cpu feature bits
JDK-8381993	Simplify MetaspaceClosure handling of Array and GrowableArray
JDK-8381997	Move markWord.hpp cleanups from the valhalla lworld branch
JDK-8381998	Move UseCompressedClassPointers to obsolete flags section
JDK-8382018	test/jdk/java/nio/file/spi/SetDefaultProvider.java leaves a directory in /tmp
JDK-8382020	Time Zone Abbreviation Not Localized for Non-English Locales
JDK-8382022	jpackage: enhance CompositeProxy
JDK-8382025	[lworld] tools/jpackage/share/AsyncTest.java fails with An error of type -10810 has occurred
JDK-8382030	GHA: Enable Windows ARM64 tests
JDK-8382031	Update IANA Language Subtag Registry to Version 2026-05-05
JDK-8382034	JFR: jdk-agents view is missing information
JDK-8382035	[ubsan] Under UBSAN builds, disable tests that rely on simulated JVM crashes
JDK-8382039	Add support do_arch_array_entry() template
JDK-8382043	Add missing @Override annotations in "javax.print.attribute" package
JDK-8382045	Increase AOT C strings table size in not product VM
JDK-8382047	Update Libpng to 1.6.57

OpenJDK Patch ID	Synopsis
JDK-8382048	JFR: RecordingFile::write doesn't truncate when overwriting
JDK-8382050	compiler/intrinsics/klass/CastNullCheckDroppingsTest.java fails with -XX:+StressUnstableIfTraps
JDK-8382054	TestLoopPeelingDisabled.java fails with -DVerifyIR=false
JDK-8382055	G1: Remove unused unused args in mark_evac_failure_object
JDK-8382057	C2: "assertptr□bottom_type() == Type::TOP) || ((base == Compile::current()□top(== (ptr□bottom_type()□make_ptr()□isa_oopptr() == nullptr))) failed: base input only needed for heap addresses" with -XX:+CountCompiledCalls
JDK-8382063	Jtreg test javax/swing/SwingWorker/TestDoneBeforeDoInBackground.java fails
JDK-8382081	AOT tests fail in add_stub_entries without JVMCI
JDK-8382084	Use dynamic chunk sizes in PartialArraySplitter
JDK-8382087	aarch64: remove unused function declarations in macroAssembler_aarch64.hpp
JDK-8382088	ObjectMonitor::wait() lacks suspension handling for TS_RUN path
JDK-8382089	G1: Refactor concurrent refinement state machine
JDK-8382090	Remove .rej and .orig from .gitignore
JDK-8382095	GenShen: Do not clamp young reserve unnecessarily
JDK-8382103	Shenandoah: Optimize ShenandoahLock size for release build
JDK-8382118	Refactor open/test/jdk/sun/net/www/protocol/file/DirPermissionDenied.java test
JDK-8382130	Remove test/failure_handler/Makefile
JDK-8382134	Replace assert with fatal check in AOTCodeCache::load_strings() to make sure we have valid value in product VM
JDK-8382146	jdk/jfr/event/compiler/TestCodeCacheFull.java fails when C2 is disabled
JDK-8382150	Shenandoah: Clean up nmethod entry barrier support

OpenJDK Patch ID	Synopsis
JDK-8382166	[AOT Cache] CRC was not checked on Code Region
JDK-8382167	Warning message should be displayed only when UseAESCTRIntrinsics is explicitly enabled by the user
JDK-8382170	Assert in AnyObj::operator delete due to race condition in in_aot_cache()
JDK-8382174	Clarify the meaning of address cast in ADD() macro
JDK-8382196	Clean up C++ iterator style in compactHashtable.hpp and trainingData.hpp
JDK-8382199	Remove unused parameter "dst" from CardTableBarrierSetAssembler::store_check()
JDK-8382201	Transparent Window is Opaque w/o Volatile Buffering
JDK-8382202	New file VectorMinMaxTransforms.java has a copyright format error
JDK-8382211	Shenandoah: Clean up and wire up final verification
JDK-8382222	sun/security/ssl/SSLSocketImpl/SSLSocketBruteForceClose.java fails sporadically
JDK-8382242	JFR: Metadata reconstruction invalidates ConstantMap for java.lang.String
JDK-8382249	G1: Racy concurrent update of young gen size and revising young gen length
JDK-8382257	Shenandoah: Clean up stack watermark barrier support
JDK-8382264	Refactor java.logging TestNG tests to use JUnit
JDK-8382267	VectorMathLibrary uses locale-sensitive String.format to construct native symbol names
JDK-8382273	Update nsk/jvmti/unit tests to use ThreadWrapper
JDK-8382275	Update nsk/stress/jni to use ThreadWrapper
JDK-8382277	Shenandoah: Improve mutator runtime entry points
JDK-8382295	Shenandoah: wrong denominator in full gc summary
JDK-8382306	Remove JvmtiTagMap::check_hashmap

OpenJDK Patch ID	Synopsis
JDK-8382311	30% Performance regression in Philosophers benchmark
JDK-8382312	Cleanup instanceKlass dead code
JDK-8382315	RISC-V: TestMultiplyReductionByte.java fails with guarantee(is_uimm5(imm)) failed: uimm is invalid
JDK-8382316	Unused xtmp in long_to_maskLE8_avx
JDK-8382327	Disable some SA tests for mixed jstack on musl C
JDK-8382332	Large regression (~50%) in SPECjbb2015 when using JFR after JEP 500
JDK-8382359	Align 32-bit data in AOT Code Cache to sizeof(uint)
JDK-8382368	Warning that @Deprecated "has no effect" is suppressed by @Deprecated
JDK-8382375	Remove obsolete options from CLDRConverter
JDK-8382389	Test java/lang/LazyConstant/LazyConstantSafePublicationTest.java failed
JDK-8382390	Shenandoah: heap usage log improvement
JDK-8382391	Cleanup unnecessary storestore() in stringStream::as_string
JDK-8382393	Enable VectorStoreMaskIdentityTest.java IR tests for RISC-V
JDK-8382395	Disable stringop-overflow in shenandoahGenerationalHeap.cpp
JDK-8382396	RepaintManager throws NPE when painting detached JPanel without volatile buffering
JDK-8382397	Make lint category property declaration more straightforward
JDK-8382401	Remove return type parameters from FREE_ and REALLOC_ macros
JDK-8382403	Enhance Kerberos DNS KDC discovery logging to expose sanitized DNS failure
JDK-8382418	G1: Remove some stale comments about time accounting
JDK-8382419	Add missed @key randomness after JDK-8370489
JDK-8382420	[macos] remove java/awt/Modal/ToBack/ tests from problemlist

OpenJDK Patch ID	Synopsis
JDK-8382422	G1: G1GCPhaseTimes::record_merge_heap_roots() uses += instead of direct assignment
JDK-8382423	G1: Remove unused G1GCPhaseTimes::_external_accounted_time_ms
JDK-8382430	Extend output format of -XX:+PrintCompilation2 diagnostic flag
JDK-8382433	GenShen: Remembered set scan encountered invalid object
JDK-8382436	Build failures after JDK-8326205
JDK-8382441	Problemlist TestStressAllocationGCEventsWithShenandoah and TestStressBigAllocationGCEventsWithShenandoah
JDK-8382471	Improve Resource Resolving
JDK-8382482	Optimize equals scenario in x86 scalar floating point min/max reduction loops
JDK-8382485	ArrayIndexOutOfBoundsException was hiding in ClhsdbPrintAll.jtr
JDK-8382487	Remove unnecessary SuppressWarnings annotations in java.desktop
JDK-8382488	[CRaC] Testing of cpuid FMA4 should be done only on AMDs
JDK-8382499	G1: Let non young cset choice time also use Ticks API for measurements
JDK-8382501	Rename occurrences of com.sun.hotspot.perfdata in HotSpot source code
JDK-8382522	Disable stringop-overflow in safepointMechanism.cpp
JDK-8382529	Tests com/sun/jdi/RedefineCrossEvent.java and com/sun/jdi/ClassesByName2Test.java fail when running frequent GC
JDK-8382532	C2: VectorAPI: disable VectorMaskCmp-not optimization for predicated compares
JDK-8382534	Some opto methods should return bool instead of int
JDK-8382536	C2: sharpen_type_after_if: assert(val find_edge(con) > 0) failed: mismatch
JDK-8382537	Invalid JDWP command set number or command number can result in crash

OpenJDK Patch ID	Synopsis
JDK-8382546	Missing AOT external address initialization for string_indexof stubs on x86
JDK-8382548	serviceability/sa/TestJhsdbJstackMixedWithXComp.java#xcomp-disable-tiered-compilation failed with Test failed!
JDK-8382582	Remove the experimental JVMCI feature
JDK-8382588	AArch64: Sync aarch64_vector.ad with aarch64_vector_ad.m4 after JDK-8382039
JDK-8382606	Enable VectorMinMaxTransforms.java IR tests for RISC-V
JDK-8382608	Shenandoah: STS yield deadlocks in OOM-evac scope
JDK-8382609	G1: Remove outdated comments in do_full_collection
JDK-8382614	Consolidate implementation of current_stack_base_and_size on BSD
JDK-8382616	Create GCArguments::set_heap_size interface
JDK-8382617	Test runtime/cds/appcds/aotCache/AOTCacheConsistency.java fails with "can’t find HelloWorld in test directory or libraries"
JDK-8382620	G1: Remove unused G1RefineRegionClosure::_num_collections_at_start
JDK-8382625	G1: Constify G1Policy::need_to_start_conc_mark()
JDK-8382628	VectorExpressionFuzzer.java fails due to C1 compilation bailout
JDK-8382634	Remove redundant TLABRefillWasteFraction zero check
JDK-8382635	G1: TAMSes overwritten by G1ConcurrentMark::fully_initialize() cause verification errors
JDK-8382636	Shenandoah: Use self-forwarding to handle OOM during evacuation
JDK-8382637	GenShen: ubsan error, divide by zero during TestThreadFailure
JDK-8382681	GenShen: ProblemList TestThreadFailure
JDK-8382684	jpackage: assorted fixes of the test lib
JDK-8382690	aarch64: Clean up redundant restore_locals() in TemplateTable::invokeinterface

OpenJDK Patch ID	Synopsis
JDK-8382691	RISC-V: Clean up redundant restore_locals() in TemplateTable::invokeinterface
JDK-8382700	C2: Delay inlining instead of giving up when hit NodeCountInliningCutoff
JDK-8382711	Shenandoah: Support AOT code dumping
JDK-8382740	JFR: Disable jdk.OldObjectSample event for generational ZGC
JDK-8382777	PrintMethodData not showing BranchData
JDK-8382815	C2: Reference intrinsics are broken by shadow "referent" field
JDK-8382843	Update ProblemList comments for preview features
JDK-8382871	Completion failure during diagnostic formatting
JDK-8382877	Heap pollution warning points to first parameter instead of last
JDK-8382878	RISC-V: Missing InlineSkippedInstructionsCounter in ZGC barriers stubs
JDK-8382880	C2: Remove unused Final_Reshape_Counts::get_*_count() methods
JDK-8382881	Swap min/max values and avoid equals min/max values in MinMaxVector
JDK-8382888	[asan] ASAN crashes with high heap base addresses during startup
JDK-8382890	JcmdOnTrainingProcess.java fails Native memory tracking is not enabled
JDK-8382920	Shenandoah: Do fewer implicit narrowing conversions
JDK-8382928	Add documentation to java.net.URI.normalize about empty segments
JDK-8382930	Do fewer implicit narrowing conversions in methodData.hpp
JDK-8382931	Do fewer implicit narrowing conversions in deoptimization.hpp
JDK-8382933	Improve Shenandoah clone barrier tests
JDK-8382934	LateInlineQueueDrainTest.java fails without diagnostic option
JDK-8382936	C2: Load folding must not drop Type information
JDK-8382940	Clean up the AlwaysAtomicAccesses flag
JDK-8383161	[PPC64] MachCallDynamicJavaNode::ret_addr_offset() needs adaptation for COH

OpenJDK Patch ID	Synopsis
JDK-8383162	jpackage: decouple WinMsiPackager and RTF converter
JDK-8383163	Build without CDS broken after 8382170
JDK-8383168	jpackage: enhance capabilities of the test lib for testing jpackage console output
JDK-8383172	Create AbstractLRUReferencePolicy base class
JDK-8383173	Adjust CopyAVX3Threshold for AMD AVX512 targets
JDK-8383174	Improve exceptions in Java_sun_net_www_protocol_http_ntlm_NTLMAuthSequence_getNextToken
JDK-8383175	(tz) Update Timezone Data to 2026b
JDK-8383176	Shenandoah: Skip marked objects in final verification steps
JDK-8383183	Shenandoah: Mangle trashed regions up to top instead of end
JDK-8383186	Large SoftRefLRUPolicyMSPerMB can lead to overflow
JDK-8383196	Shenandoah: Interpreter barriers clobber interpreter registers
JDK-8383243	Make objcopy configurable to compress debug info
JDK-8383262	Implement optimized `aarch64_get_thread_helper()` for Windows/AArch64
JDK-8383354	Update LCMS to 2.19.1
JDK-8383366	Missing call store_archive_data() on one of paths in generate_kyber12To16_avx512()
JDK-8383367	jdk/jfr/event/oldobject/TestDFSWithSmallStack.java failed with -XX:+UseZGC -XX:+UseCompactObjectHeaders
JDK-8383396	Parallel: Avoid reloading klass when pushing promoted object contents
JDK-8383414	Exhaustiveness rejects a type pattern that covers all permitted subtypes
JDK-8383420	SIGSEGV in PhaseChaitin::gather_lrg_masks
JDK-8383421	ZGC: Problematic interactions between `JVMTI_EVENT_SAMPLED_OBJECT_ALLOC` and `clone`

OpenJDK Patch ID	Synopsis
JDK-8383459	[BACKOUT] [macos] VoiceOver Reads "Header" instead of "Heading"
JDK-8383462	G1: scan_root_regions should guarantee that the number of workers is nonzero
JDK-8383473	Follow on from 2026b time change to include temporary hack BC time change
JDK-8383485	[S390X] Add patching support for LIR_Assembler::leal
JDK-8383486	G1: Revise documentation about root scanning
JDK-8383503	Test runtime/cds/MetaspaceAllocGaps.java failed
JDK-8383515	Add guarantees to disallow running WorkerTasks with zero workers
JDK-8383525	DateTimeFormatterBuilder.getLocalizedDateTimePattern() concurrency issue
JDK-8383526	Update warning messages to be consistent in the naming the instruction when it is not supported
JDK-8383541	Safefetch should return the error value when accessing pages protected with PAGE_GUARD on windows-aarch64
JDK-8383542	Remove hard-coded enum value from CPU_FEATURE_FLAGS
JDK-8383545	Gcc warning in bsmAttribute.hpp: comparison is always true
JDK-8383546	HeapReserver::Instance::reserve_heap() breaks 32-bit build
JDK-8383550	AsyncExceptionHandshakeClosure::do_thread() should not be passed nullptr
JDK-8383556	[CRaC] CRaCHeapErgonomics VM option
JDK-8383564	Avoid reloading klass when transforming stack chunks
JDK-8383570	Test DisabledAlgorithms.java intermittently timed out
JDK-8383601	RISC-V: ShenandoahBarrierSetAssembler::load_reference_barrier calls "weak" on "phantom" path
JDK-8383605	Incomplete input validation on the bands parameters in j.a.i.Raster
JDK-8383608	Make BinaryEncodable non-exhaustive

OpenJDK Patch ID	Synopsis
JDK-8383611	assert(count == os::processor_count() + 1) failed: invalid enumeration!
JDK-8383623	(fs) Update Windows file system provider to use GetFileInformationByName where possible
JDK-8383629	JNI exception pending in -[TabButtonAccessibility accessibilityValue] of TabButtonAccessibility.m
JDK-8383630	Fix iteration in tests doing class redefinition
JDK-8383631	Test vmTestbase/nsk/jdb/kill/kill003/kill003.java failed - possible NullPointerException
JDK-8383634	AOTCodeTest fails intermittently with Parallel
JDK-8383635	Improve performance of ML-KEM's implKyberNttMultJava() method
JDK-8383637	JConsole should not render HTML in components where it could be confusing
JDK-8383639	JConsole unnecessary classloading for MBean types
JDK-8383642	Additional Shenandoah clone barrier tests
JDK-8383643	Serial: Avoid reloading klass when checking string dedup candidates
JDK-8383650	Shenandoah: Missing card table updates for pinned regions
JDK-8383709	Linux perf map should record individual stubs
JDK-8383738	javac crashes with StackOverflowError when a class extends a type parameter
JDK-8383743	Use RAII pattern to find matching compiler directive
JDK-8383767	C2: assert(curr_ctrl□in(0)□Opcode() == Op_If) failed: unexpected node MemBarStoreStore
JDK-8383769	compiler/c2/TestDependsOnTestSqrtHFAssertion.java timed out
JDK-8383770	Remove flags from AOTCodeCache::Config already covered by cpu features
JDK-8383772	runtime/reflect/ReflectOutOfMemoryError.java can fail intermittently on Shenandoah with small heaps

OpenJDK Patch ID	Synopsis
JDK-8383789	[CRaC] Add reading to Java-side score API
JDK-8383794	G1: Rename refinement sweep duration helper to reflect SwapGlobalCT start
JDK-8383807	Parallel: Improve Young GC stack trimming
JDK-8383810	Shenandoah: Simplify native CAS barriers
JDK-8383813	pkcs12 keystore fails to load because of incorrect DER length-encoding
JDK-8383821	IllegalStateException when command executed by jpackage "Executor" timeouts
JDK-8383824	TestCopyFiles.java fails after JDK-8347112
JDK-8383825	Incorrect handling of Hawaii_Aleutian metazone
JDK-8383830	Vector API: internal AbstractVector helper methods exposed in public Javadoc
JDK-8383832	AOTMode=required fails with "incompatible CompressedOops::base()"
JDK-8383834	x86_64: Client build fails after JDK-8379706
JDK-8383847	Shenandoah: gc/TestJNIWeak/TestJNIWeak.java times out intermittently
JDK-8383848	[PPC64] Remove outdated comments for old versions of PPC
JDK-8383850	Move TestLargeUTF8Length.java to resourcehogs
JDK-8383851	TypeInstPtr::get_const_boxed_value is unused since JDK-8149813
JDK-8383856	Implement JEP 523: Make G1 the Default Garbage Collector in All Environments
JDK-8383861	Shenandoah: Use int[] as filling class for compressed oop array allocation
JDK-8383864	G1: Separate worker-local refinement data from shared concurrent refinement stats
JDK-8383867	File.getCanonicalPath drops backslash from UNC path with directory junctions
JDK-8383868	Separate resourcehogs tests from hotspot_misc

OpenJDK Patch ID	Synopsis
JDK-8383873	SNIWildcardMatching test logs an error instead of failing
JDK-8383881	Cleanup cpu feature enums and test functions for features that should always be available on x86-64 platforms
JDK-8383892	Shenandoah: Decouple allocation rate sampling from GC cycle
JDK-8383909	Unused ThreadDumper.BoundedByteArrayOutputStream.write(int b) is wrong
JDK-8383910	klass_or_null_acquire asserts on null when using compact object headers
JDK-8383912	Deduplicate klass fetching and decoding in oopDesc
JDK-8383914	[PPC] cleanup dtrace leftovers
JDK-8383954	Fix tearing-prone nmethod bitfields
JDK-8383990	Remove exception code filters from Windows AArch64 safefetch handler
JDK-8384042	[BACKOUT] Incorrect handling of Hawaii_Aleutian metazone
JDK-8384043	[REDO] Incorrect handling of Hawaii_Aleutian metazone
JDK-8384072	Problem list runtime/Thread/TestAlwaysPreTouchStacks.java
JDK-8384080	Shenandoah: Simplify C1 CAS barriers
JDK-8384085	Make os::Bsd::dlopen_helper private, and drop unused arg
JDK-8384087	Test tools/jpackage/junit/share/jdk.jpackage/jdk/jpackage/internal/cli/MainTest.java fails
JDK-8384088	osThread _thread_id should be an int on all BSD's
JDK-8384089	Correctly catch invalid uses of StubCodeMark
JDK-8384097	G1: G1ConcurrentMarkThread::total_mark_cpu_time_s adds together nanoseconds and seconds
JDK-8384098	Fix typo in "elasped_time" in Universe::log_cpu_time()
JDK-8384100	UNSIGNED5::Reader::try_skip() is missing a terminating condition
JDK-8384104	Obsolete Xmaxjitcodesize

OpenJDK Patch ID	Synopsis
JDK-8384124	TestCompilerCounts.java fails CICompilerCount is too large
JDK-8384131	Lowering of array enhanced for loop misses a synthetic cast
JDK-8384132	javac: Cannot read field "sym" because "this.lvar[1]" is null
JDK-8384143	ZGC: Add minor performance improvment to oop iteration during flip promotion
JDK-8384145	Use the default collector in JDK builds
JDK-8384158	GHA: Downgrade Windows GHA runners to windows-2022 temporarily
JDK-8384161	[PPC64] Consolidate code related to calls in nmethods that use trampoline stubs
JDK-8384163	(so) SocketChannel.connect and finishConnect() exception messages could be improved
JDK-8384164	JFR: Omit command-line arguments for jdk.SystemProcess
JDK-8384182	Incorrect assertion eq4a_state in vectorization AlignmentSolver::solve
JDK-8384206	Remove AppContext from java.awt.Container
JDK-8384208	Remove AppContext from java.awt.Taskbar
JDK-8384209	Remove AppContext from AWT Shutdown implementation
JDK-8384215	Remove AppContext from unix/classes/sun/awt/X11/XWindow.java
JDK-8384221	GenShen: WhiteBox full GC promotion is not reliable
JDK-8384223	RISC-V: entry_barrier_offset should consider UseZtso
JDK-8384228	Cleanup compiler/arguments/TestCompilerCounts.java
JDK-8384229	Previously accepted code is rejected after JDK-8378102
JDK-8384235	javac crashes with AssertionError: Cannot add metadata to a void type when annotating void as a generic bound
JDK-8384250	[macos] Test tools/jpackage/share/AsyncTest.java failed
JDK-8384251	Test java/lang/instrument/GetObjectSizeIntrinsicsTest.java crashed: fatal error: Not compilable at tier 1: CodeBuffer overflow

OpenJDK Patch ID	Synopsis
JDK-8384274	Shenandoah: GC checks in C1 LRB clobber fastpath result
JDK-8384277	Internal error happened when building fastdebug with LTO
JDK-8384278	Potential deadlock after JDK-8373839
JDK-8384281	[BACKOUT] C2: Deep recursion with cmovP_regNode::bottom_type
JDK-8384284	[REDO] C2: Deep recursion with cmovP_regNode::bottom_type
JDK-8384353	SHA3 AVX2 and AVX512 intrinsics and improvements
JDK-8384371	CngCipher and DupAlias tests fail on Windows
JDK-8384381	Remove AppContext from java.awt.EventQueue implementation
JDK-8384412	[CRaC] Customizable error message on CPU features check failure
JDK-8384416	Crash in RunTimeClassInfo::klass() during AOT cache assembly
JDK-8384428	C2: compiler/vectorapi/TestVectorLongToMaskNodeIdealization.java fails with AVX2
JDK-8384441	Problemlist compiler/vectorapi/TestVectorLongToMaskNodeIdealization.java
JDK-8384442	Shenandoah: Remove vestigial CAS barrier code
JDK-8384466	Test io/Console/RestoreEchoTest.java fails with expect: spawn id exp3 not open
JDK-8384486	NTLM tests fail on Windows 11 and Windows Server 2025
JDK-8384495	Update Libpng to 1.6.58
JDK-8384505	Account for all jtreg-based frames in stack walk test
JDK-8384507	Incorrect vector reassociation for signed saturating addition
JDK-8384514	Shenandoah: gc/shenandoah/mxbeans/TestCycleEndMessage.java intermittent fails
JDK-8384520	AArch64: Prevent out-of-CodeBuffer read in MacroAssembler::membar
JDK-8384531	[CRaC] Support CPUFeatures also for aarch64
JDK-8384553	ProblemList runtime/jni/critical/SuspendInCritical.java for virtual threads

OpenJDK Patch ID	Synopsis
JDK-8384602	Remove AppContext from java.awt.Component
JDK-8384604	Shenandoah: Completed GC count doesn't add up in the log
JDK-8384609	Remove old CHA implementation
JDK-8384631	SwitchBoostraps.typeSwitch method Javadoc still mentions target of a reference type
JDK-8384636	Parallel: Remove redundant PSAdjustTask claim counter initialization loop
JDK-8384648	LazyConstantTest::interruptStatusIsPreservedForComputingThread fails
JDK-8384653	Potential null pointer dereference in java.base/share/classes/jdk/internal/classfile/impl/StackMapGenerator.java
JDK-8384708	Enhance HTTP Connections
JDK-8384801	Shenandoah: ShouldNotReachHere() in shenandoahSupport.cpp with AllocatePrefetchStyle=3
JDK-8384804	JMX remote bootstrap tests fail on Windows
JDK-8384808	Remove AppContext-based Window Activation time map from SunToolkit
JDK-8384815	SelectOneKeyOutOfMany and PreferredKey fail after expired test certificate
JDK-8384817	Deprecate AlwaysCompileLoopMethods VM flag
JDK-8384835	Parallel: Removing unused local variable in ParallelCompactData::clear_range
JDK-8384843	Duplicated type annotations in classfile
JDK-8384862	CompilationLog::log_failure() does not produce report message
JDK-8384864	Problemlist java/nio/channels/SocketChannel/OpenLeak.java and CloseDuringConnect.java on macos 26.4 and 26.5
JDK-8384869	C2: IR Verification Test failures on x86_64 after JDK-8383881
JDK-8384902	Update GIFlib to 6.1.3

OpenJDK Patch ID	Synopsis
JDK-8384940	Open source accessibility tests
JDK-8384946	os::Bsd::gettid misses the return value
JDK-8384948	Disable DelayAfterInliningCutoff until memory consumption issues are fixed
JDK-8384958	Regression of jvmti/init/GetAllStackTraces/getallstktr001.java caused by JDK-8382273
JDK-8384960	Convert MallocSiteTable to use Atomic<T>
JDK-8384964	Add an entry count to the MallocSiteTable
JDK-8384997	"Unrecognized system!" failures on MSys2/Windows
JDK-8384999	Rename CodeBuffer::last_insn() to something more descriptive
JDK-8385011	GHA: Enable Linux AArch64 tests
JDK-8385013	Startup regression ~30% / 7-10ms with noop
JDK-8385018	Consistently escape CLDR resources
JDK-8385019	Build error without CDS
JDK-8385022	ZGC: Crash with sparse NUMA node configuration
JDK-8385054	Spec: Clarify ofLazy List/Set/Map equals/hashCode/toString Javadoc
JDK-8385076	Follow-on fix for Improve certification checking
JDK-8385092	KeyChainStore entry creation time is always now
JDK-8385096	Test runtime/cds/MetaspaceAllocGaps.java fails on Windows
JDK-8385110	JFR: Race when accessing Recording::getSettings()
JDK-8385114	Prevent creation of invalid TableSwitchInstruction
JDK-8385116	nmethod::Flags is not guaranteed to fit uint8_t
JDK-8385137	C2: Uncast arguments to MemNode::all_control_dominate in some cases
JDK-8385158	[CRaC] Make it possible to specify engine options only for checkpoint or restore

OpenJDK Patch ID	Synopsis
JDK-8385165	[ubsan] TestDockerMemoryMetricsSubgroup.java jtreg test fails with ubsan-enabled binaries
JDK-8385179	Shenandoah: Simplify and optimize string deduplication
JDK-8385180	Shenandoah: Load klass once in marking task
JDK-8385309	Test jdk/jfr/event/gc/collection/TestGCEventMixedWithParallelOld.java failed
JDK-8385312	Intermittent assert while running JCK test api/java_util/concurrent/Assorted/SynchronousQueue20.html
JDK-8385319	AOT: Missed BAD_ADDRESS_ID spots in JDK-8357175
JDK-8385333	Shenandoah: Final mark spins up workers without work to do
JDK-8385334	Shenandoah: Improve gc+stats logging
JDK-8385345	AWT and ImageIO shell tests fail when run using MSys/MinGW
JDK-8385347	Remove AppContext from SunToolkit and also remove AppContext
JDK-8385355	NullPointerException in jdk.tools.jlink.internal.ImageResourcesTree after JDK-8377070
JDK-8385360	[CRaC] CRIU: aarch64: t4g.micro c8g.medium FAIL (PAC)
JDK-8385369	G1: Concurrent Cleanup For Next Mark accesses uncommitted bitmaps after region uncommit
JDK-8385375	Shenandoah: Sampled allocation rate is too slow to react to lower allocation rates
JDK-8385390	Update FreeType to 2.14.3
JDK-8385408	C2: no reachable node should have no use
JDK-8385409	Javap documentation says by default protected and public members are printed but package private members are also printed by default (`-package` behavior, not `-protected`)
JDK-8385425	AArch64: Comment re set_and_get_current_sve_vector_length() is misleading

OpenJDK Patch ID	Synopsis
JDK-8385430	Shenandoah: Compact heuristic runs continuously when allocation is idle
JDK-8385437	Provide test property vm.cds.nocoh.archive.available and use it in CompressedCPUSpecificClassSpaceReservation
JDK-8385438	[CRaC] Cleanup after recent engine rework
JDK-8385490	Update HarfBuzz to 14.2.0
JDK-8385525	Suggest Metal toolchain download in configure error on Xcode 26+
JDK-8385528	Fix linker alignment warning for libawt on macOS with Xcode 26
JDK-8385552	Improve devkit/sysroot creation
JDK-8385557	Shenandoah: Runtime calls from C2 stubs need to be relocatable
JDK-8385572	[PPC64] frame alignment assertion after JDK-6960970
JDK-8385573	[CRaC] Fix use-after-free in engine options parsing
JDK-8385574	JFR: Redaction should check file
JDK-8385583	RISC-V: Debugger very slow during stepping
JDK-8385584	CAInterop.java#buypassclass3ca fails with Intermediate Root CA not found in the chain
JDK-8385606	Shenandoah: Remove PLAB card-table alignment and per-object register_object during old-gen allocation
JDK-8385610	Shenandoah: TestSoftMaxHeapSizeAvailableCalc should have more tolerance for other GC triggers
JDK-8385622	[s390x] Debugger very slow during stepping
JDK-8385627	Typo in JMXServiceURL.java: misssing
JDK-8385628	Typo in jdk.attach comments
JDK-8385632	ZGC: Incorrect object undo in relocation race for relocation workers
JDK-8385633	PPC64: Shenandoah weak CAS fails after late barrier expansion
JDK-8385648	PPC64: Improve receiver type profiling reliability
JDK-8385651	HotCodeSampler crashes with JFR enabled

OpenJDK Patch ID	Synopsis
JDK-8385655	Timeout in java/lang/Thread/virtual/KlassInit.java
JDK-8385656	Misplaced comment on enum value in jdk.internal.util.Architecture
JDK-8385658	Debug code in frame::patch_pc() doesn't initialize on_heap info
JDK-8385661	jvmti/vthread/ThreadStateTest/ThreadStateTest.java triggers assert(f.pc() == _chunk□pc()) failed
JDK-8385664	Stale comment about JDK-6996415
JDK-8385670	Incorrect warning: Unexpected gaps for Klass alignment
JDK-8385702	Improve polymorphic handling in JDK-8385648
JDK-8385723	Intermittent failure of serviceability/sa/ClhsdbInspect.java
JDK-8385736	Optimize ListFormat custom pattern parsing
JDK-8385738	Javadoc does not produce reproducible output due to the snippet ids
JDK-8385747	Test gc/g1/TestGCLogMessages.java failed: 'Update Derived Pointers' found in stdout
JDK-8385806	Assert failed when running Skynet.java with continuation trace logging enabled
JDK-8385828	The javac benchmarks fail after JDK-8385347
JDK-8385830	ForkJoinTask#get may swallow caller thread's interrupt flag
JDK-8385831	Prevent APX instruction being generated on non-APX machines
JDK-8385833	C2 Vector API: assert(false) failed: infinite loop in PhaseIterGVN::transform_old
JDK-8385835	Shenandoah: Polish C2 pre/post barrier signatures
JDK-8385836	Update comment in SourceVersion for language evolution history for changes in 27
JDK-8385855	C2: IfNode::filtered_int_type should only allow CmpI
JDK-8385885	Clarify comment in LazyConstantImpl

OpenJDK Patch ID	Synopsis
JDK-8385891	Introduce a test for GZIPInputStream whose underlying stream is a blocking InputStream
JDK-8385906	DirPermissionDenied.java uses chmod instead of Java APIs for changing permissions
JDK-8385915	RISC-V: Remove unused cmpxchg* methods
JDK-8385923	[CRaC] Option to disable pointer authentication
JDK-8385924	GZIPInputStream.read() behaves differently on some Java versions
JDK-8385927	JDK 27 RDP1 L10n resource files update
JDK-8385957	JFR: Sensitive command-line arguments still in environment variable values
JDK-8385978	Test javax/net/ssl/SSLSession/TestEnabledProtocols.java failed: java.security.cert.CertificateException: Unable to initialize, java.io.IOException: Too short
JDK-8386085	Livelock in AbstractQueuedSyncronizer.cleanQueue() when multiple threads do tryAcquire() with a short timeout and no permits available
JDK-8386124	Test serviceability/sa/TestG1HeapRegion.java failed: Address of G1HeapRegion does not match
JDK-8386155	C2 Vector API: missing truncation in VectorNode::push_through_replicate
JDK-8386205	Enhance TLS server
JDK-8386287	GenShen: assert(starts_object(card_index)) failed: Can't get last start because no object starts here
JDK-8386298	Improve font loading
JDK-8386328	TemporalField.adjustInto Javadoc incorrectly uses 1-argument method signatures
JDK-8386332	G1: Cleanup pause incorrectly updates old gen MemoryPoolMXBean.getCollectionUsage()
JDK-8386466	DESedeKeySpec.isParityAdjusted spec permits 8-byte key but RI throws InvalidKeyException

OpenJDK Patch ID	Synopsis
JDK-8386473	DESKeySpec and DESedeKeySpec may throw InvalidKeyException instead of ArrayIndexOutOfBoundsException for Integer.MIN_VALUE offset
JDK-8386475	C2 x64: -XX:-UseBMI2Instructions is broken for AVX-512
JDK-8386482	C2 CountedLoopConverter::filtered_type_from_dominators: assert(_base == Int) failed: Not an Int
JDK-8386503	C2: assert(adr_type == nullptr || adr_type isa_aryptr() != nullptr) failed: unexpected type-unsafe store
JDK-8386551	Windows build broken because of MSys2/Make update
JDK-8386595	Two java/net/MulticastSocket tests fail on machines with no ipv6 address other than loopback
JDK-8386599	[CRaC] jdk/crac/java/net/InetAddress/ResolveTest sometimes fails with container name conflict
JDK-8386600	Fix comparison checks in DHasKEM
JDK-8386609	WinL10nTest.java does not respect locale for WixType
JDK-8386656	C2 AVX512: -XX:-UseCountTrailingZerosInstruction causes assert(UseCountTrailingZerosInstruction) failed: tzcnt instruction not supported
JDK-8386671	Raster factory methods fail to throw specified exceptions for invalid bandOffsets and bankIndices
JDK-8386681	Remove RawKeySpec
JDK-8386700	Class-File API: StackMapGenerator.setLocalsFromArg leaves stale locals, generating invalid stack maps
JDK-8386707	[BACKOUT] ZGC: Incorrect object undo in relocation race for relocation workers
JDK-8386711	[CRaC] Update JVM metrics
JDK-8386795	Swing specification needs caveats on L&F rendering behaviors
JDK-8386798	Shenandoah: Missing load barrier when making assertions about mark bitmap

OpenJDK Patch ID	Synopsis
JDK-8386865	Fix links in JDK 27 JavaDoc API documentation
JDK-8386911	Crypto benchmark regressions after JDK-8384353
JDK-8387002	Test ManualTests/JPackage/JPKG001/JPKG001_004: CommonLicenseTest fails on Windows because the license agreement text is not displayed
JDK-8387012	C2: PhaseVector::expand_vunbox_node should not inject the payload type into the load
JDK-8387015	C2: crash with "named projection 2 not found" from ArrayCopyNode::finish_transform() for clone
JDK-8387017	java/lang/instrument/GetObjectSizeIntrinsicsTest.java fails with Error evaluating expression: invalid boolean value: `null' for expression `vm.opt.VerifyOops'
JDK-8387041	Add a URL link to BCP 47 in the Locale class
JDK-8387042	Shenandoah: Build time regression with LBE
JDK-8387073	C2: StoreNode::Ideal wrongly optimizes away scalar store before masked vector store
JDK-8387084	[CRaC] Fixup docs of bundled engines
JDK-8387206	G1: Code root verification crashes because of stale table scanner
JDK-8387215	On-demand attribution of a record constructor body causes javac to emit an invalid diagnostic
JDK-8387259	Clarify extlang in Locale composition description
JDK-8387306	Replace InputStream#read(byte[]) with InputStream#readNBytes(int) in RtfConverter.isRtfFile()
JDK-8387328	C2: A Phi must not have a narrower Type than its inputs
JDK-8387395	[REDO] C2: SIGSEGV in compiled code due to missing ctrl
JDK-8387411	C2: assertin_vt□isa_pvectmask() == nullptr) == (vt□isa_pvectmask() == nullptr failed: Both BVectMask, or both NVectMask, or both PVectMask
JDK-8387722	The race during initialization or lazy constants in and Map/Set

OpenJDK Patch ID	Synopsis
JDK-8387757	Man pages still say CompactObjectHeaders is not default
JDK-8388144	[CRaC] CRIU fails to restore jdk/crac/SecureRandom/InterlockTest
JDK-8388183	Wrong example in documentation for String.toLowerCase()
JDK-8388449	GenShen: Degenerated cycle could be skipped
JDK-8388523	C2: Test compiler/igvn/TestMaskedStoreIdealization.java failed
JDK-8388539	[TESTBUG] compiler/igvn/TestMaskedStoreIdealization.java fails on Release Builds
JDK-8388809	Shenandoah: Control thread may observe incorrect cancellation reason
JDK-8389473	Remove EA from the JDK 27 version string with RC/GAC promotion
JDK-8389720	[CRaC] criuengine can't move out of JVM process hierarchy
JDK-8389721	[CRaC] ConcurrentModificationException in LinuxWatchService
JDK-8389955	[CRaC] Off-by-one errors in criuengine
JDK-8389958	[CRaC] Exception when closing or ignoring pipes via resource policy
JDK-8389961	[CRaC] FdsInfo::same_fd calls unspecified fcntl operations
JDK-8389962	[CRaC] CompileReason::Reason_CRaC is mapped to a wrong name
JDK-8389965	[CRaC] Cleanup CRaC code
JDK-8390590	[BACKOUT] C2: Fix the memory around some intrinsics nodes
JDK-8390591	Add regression test for JDK-8390590
JDK-8390766	[CRaC] Improve restore error logging

OpenJFX Fixes and Enhancements

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

OpenJDK Patch ID	Synopsis
JDK-8154847	Rendering is incorrect or not visible with StageStyle.UNIFIED on some graphics cards

OpenJDK Patch ID	Synopsis
JDK-8181411	Performance problem with TreeTableView selectAll()
JDK-8195614	FilteredList throws ArrayIndexOutOfBoundsException if created with 1 element
JDK-8195750	FilteredList throws ArrayIndexOutOfBoundsException on ListChangeEvent with multiple change
JDK-8202066	ListView with large number of rows is extremly slow when changing current multiple selection to a subset
JDK-8208758	ListChangeBuilder doesn't shift indices after idempotent change pairs
JDK-8237018	Unstable test RenderLock1Test always fails on Windows
JDK-8237868	java.lang.IndexOutOfBoundsException in FilteredList
JDK-8253769	MouseEventFirer: must not fire event with incorrect coordinates
JDK-8256142	TreeView: initial focused item incorrect
JDK-8263959	Unexpected disable behaviour on macOS MenuBar
JDK-8268657	Looked-up color fails for -fx-background-color in JavaFX CSS file
JDK-8274928	JavaFX virtual keyboard missing ^ character
JDK-8293356	Testbug: broken usage of MouseEventFirer/VirtualFlowTestUtils
JDK-8301283	Util methods for computing text/width height giving up some performance
JDK-8303060	ChoiceBox: adding ~1000 items takes a long time
JDK-8311505	Deselection of TableView rows is slow
JDK-8318860	[test bug] Add tests to verify the caret positions
JDK-8335541	[macOS] Help system menu won't hide or it is shown twice
JDK-8338145	ComboBox popup is in wrong location on first showing
JDK-8339270	GHA: build on Linux / aarch64
JDK-8340564	[macOS] Intermittent build failure in native font with parallel compilation
JDK-8341852	Fix potential threading issue in WebView's RTImage

OpenJDK Patch ID	Synopsis
JDK-8342733	Remove references to compiler flags /D_STATIC_CPPLIB and /D_DISABLE_DEPRECATE_STATIC_CPPLIB in win.gradle
JDK-8343133	Create implementation of NSAccessibilityNavigableStaticText protocol
JDK-8344109	FXMLLoader: Check and remove unused callerClass field and argument
JDK-8351094	macOS: MenuBar with custom menu items disappears
JDK-8352298	FileChooser: inconsistent behavior with setInitialName()
JDK-8356042	RichTextArea: tab stops attributes
JDK-8357625	Build should generate platform specific shaders
JDK-8358823	Improve documentation of custom header bars
JDK-8359020	TabObservableList.reorder changes content of filtered list
JDK-8364149	Conditional stylesheet imports
JDK-8364680	HelloWebView demo crashes when msn webpage is scrolled
JDK-8365938	FileChooser: initialDirectory must be a valid folder
JDK-8366198	RichTextArea: embedded image, text background, wavy underline attributes
JDK-8368572	Update WebKit to 623.1
JDK-8369018	[TestBug] Monkey Tester Application Update 7
JDK-8369348	Failed assertion with scissor rect when Metal API Validation is enabled
JDK-8370902	RichTextArea: migrate to new text APIs
JDK-8372398	[macOS] Shown ContextMenu does not close when macOS system menu is clicked
JDK-8373091	Make Metal the default JavaFX rendering pipeline for macOS
JDK-8373175	Update Webkit
JDK-8373527	Improve Graphics playback
JDK-8373688	Wrong render scale is used if Window is on another screen when Scene is sized

OpenJDK Patch ID	Synopsis
JDK-8374630	Replace GtkFileChooserDialog with GtkFileChooserNative to allow for better Flatpak integration
JDK-8374804	ConditionalFeature media queries
JDK-8374809	[RichTextArea] accessibility
JDK-8374822	Platform media query
JDK-8375016	Several catch blocks for NullPointerExceptions exist in the codebase
JDK-8375067	Change JavaFX release version to 27
JDK-8375070	NPE in Scene.ClickGenerator::preProcess when mouse button is none
JDK-8375084	Update libxslt to 1.1.45
JDK-8375225	WebIObserverTest fails with WebKit 623.1
JDK-8375227	Silent OOBE in NGGroup::renderContent
JDK-8375363	StyleHelper.resetToInitialValues() interrupts animated properties
JDK-8375444	MenuButton - textTruncated Property is always false
JDK-8375561	Class NGGroup is in need of some cleanup
JDK-8376022	Change JavaFX release version to 26.0.1 in jfx26u
JDK-8376282	[linux, macos] JavaFX fails to build WebKit in DebugNative
JDK-8376492	NullPointer in ContextMenu sub-menu when graphic and style classes are changed while the menu is open
JDK-8376601	Bump minimum JDK version for JavaFX to JDK 25
JDK-8376735	Update Eclipse projects to use JDK25
JDK-8376738	Warnings shown when running jfx.incubator.richtext unit tests
JDK-8376836	Fix mistakes in FX API docs
JDK-8377099	Additional WebKit 623.1 fixes from WebKitGTK 2.50.4
JDK-8377153	JavaFX FlowPane layout causing improper wrapping of TextFlow nodes with max-width styling
JDK-8377185	[iOS] Native code compiler warnings and error building libprism_es2

OpenJDK Patch ID	Synopsis
JDK-8377189	Intermittent failure in TooltipTest.testCssStylesheetChangeTooltip
JDK-8377316	[iOS] App crashes due to GlassThreadDataKey not initialized
JDK-8377350	[iOS] Add support for UIWindowScene
JDK-8377393	RichTextArea: failed to export null color attribute value
JDK-8377427	Reduce substring allocations in Color.web(String, double)
JDK-8377706	[iOS] UI API called on a background thread: UIView layer
JDK-8377904	Replace Double.parseDouble() with CssNumberParser
JDK-8377930	Additional WebKit 623.1 fixes from WebKitGTK 2.50.5
JDK-8378226	Animated GIFs do not animate after WebKit 620.1 update
JDK-8378275	Enhance Glass View Delegation
JDK-8378277	Improve Editor selection
JDK-8378359	Remove unused local variable in ViewContainer::HandleViewMouseEvent
JDK-8378383	Create release notes for JavaFX 26
JDK-8378510	Provide media support for libavcodec version 62
JDK-8378895	Reduce object allocations in Renderer.getPeerInstance()
JDK-8378970	Don’t use exceptions for flow control in CssParser.colorValueOfString()
JDK-8379150	[macos] [a11y] Create implementation of accessibility protocol for hyperlink
JDK-8379205	Enhance glib support
JDK-8379206	4 Null pointer dereference defect groups in 4 glib files
JDK-8379207	Improve audio conversion
JDK-8379209	Uninitialised variable in pathApplierFunctionFast of coretext.c
JDK-8379210	Null pointer dereference in gst_value_compare_fraction of gstvalue.c
JDK-8379211	Uninitialised memory in Java_com_sun_javafx_font_freetype_OSFreetype_FT_1Outline_1Decompose

OpenJDK Patch ID	Synopsis
JDK-8379213	3 Null pointer dereference defect groups in dlmalloc.c
JDK-8379257	Update JPEG Image Decoding Software to 10
JDK-8379336	Update libxml2 to 2.15.2
JDK-8379440	Change JavaFX release version to 26.0.2 in jfx26u
JDK-8379561	Remove UNICODE related code from GLib
JDK-8379662	TreeTableView: initial focused item incorrect
JDK-8379823	Doc files should not have a + in the filename
JDK-8380216	[macos] Missing dispatch_release in the GlassAplication class
JDK-8380308	TreeView: selection of many rows is slow
JDK-8380392	In Ensemble sample for WebView one unable to open https address
JDK-8380557	Additional WebKit 623.1 fixes from WebKitGTK 2.50.6
JDK-8380574	[TestBug] MouseEventFirer should not create a temporary Stage
JDK-8380814	Upgrade to Webkit 623.1
JDK-8380926	HeavyweightDialog does not check for a valid stage
JDK-8380933	TableView sorting very slow when many cells selected
JDK-8380935	TextFieldSkin caret width calculation is broken
JDK-8381447	Remove G_DISABLE_CHECKS compiler flag on Windows to align GLib/GStreamer compilation with macOS/Linux
JDK-8381508	Default package used in GifImageTestApp.java
JDK-8381517	GlassViewDelegate::convertNSStringToJString can return uninitialized value
JDK-8381578	Skip failing SystemMenuBarHelpMenuTest
JDK-8381624	Create release notes for JavaFX 26.0.1
JDK-8381982	Add pull request template
JDK-8382046	GHA: Update to wrapper-validation@v6, checkout@v6, cache@v5

OpenJDK Patch ID	Synopsis
JDK-8382049	[TestBug] Multiple StubToolkit checks in JavaFX production code
JDK-8382165	Emojis used in Stage.setTitle are not rendered and break application switching on Linux platform
JDK-8382175	RichTextAreaDemo is not built by "gradle apps"
JDK-8382256	Unused method in TreeUtil can be cleaned up
JDK-8382437	Update eclipse config for jdk26
JDK-8382883	JavaFX on Linux crashed after some time when ES2Context.makeCurrent() was called
JDK-8382886	Running a JavaFX build may not work due to duplicate entries of swt-debug.jar in the gradle cache
JDK-8383092	Enhance WebView Resource Loading
JDK-8383129	Better Handling of MP4 Files
JDK-8383143	Enhance Playlist Loading
JDK-8383783	MediaQueryParser should reject query lists without comma separator
JDK-8384006	ComboBox text does not update on String converter update
JDK-8384522	Update libxml2 to 2.15.3
JDK-8384806	ComboBox converter does not properly update contained null values
JDK-8384809	Update GStreamer to 1.28.3
JDK-8384814	[macOS] Trackpad scroll gestures suddenly stop
JDK-8385459	Animations should respect reducedMotion preference
JDK-8385533	Cell "focused" PseudoClass handling is unnecessary
JDK-8385666	Fix for JDK-8384806 broke combo box cell graphics
JDK-8385737	TextLayoutUtilsContractTest fails when run with JDK 26 or later
JDK-8385956	Skip failing DialogRepeatedShowHideTest on Wayland
JDK-8385959	Prompt text should be visible in empty focused TextInputControls

OpenJDK Patch ID	Synopsis
JDK-8386590	GridPane - content-biased child spanning multiple columns/rows is sized ignoring hgap/vgap
JDK-8386617	JavaFX controls in the title bar
JDK-8386698	PlatformUtil has unused fields and methods
JDK-8387020	StyleManagerTest#testSetApplicationUserAgentStylesheetFromDataURI does not correctly reset the Application user agent stylesheet
JDK-8387027	GHA: Update GitHub Actions
JDK-8387119	Tests for ScrollEvent redirection
JDK-8387337	GlassClipboard: Replace deprecated hash_map and hash_set
JDK-8387626	java.lang.NullPointerException: Cannot invoke "com.sun.glass.ui.Window.isMinimized()" because "this.platformWindow" is null
JDK-8387655	java.lang.NullPointerException: Cannot invoke "java.lang.Boolean.booleanValue()" because "newValue" is null
JDK-8387773	Missing eclipse project files in tests/manual/systemmenu
JDK-8388140	[BACKOUT] Looked-up color fails for -fx-background-color in JavaFX CSS file
JDK-8388508	[macOS] MenuItem graphics in the system menu bar is corrupted or disappears, or JVM crashes in CoreGraphics, under memory pressure
JDK-8388526	[Windows] Crash in Platform.Preferences refresh on OS theme change when using FXCanvas
JDK-8389093	Typos in the JavaFX CSS Reference Guide
JDK-8389371	cssref: explain font properties
JDK-8389515	Memory leak in dshowwrapper - decoded buffers delivered by CSink are never unmapped
JDK-8390279	Update copyright header for files modified in 2026

Fixes and Enhancements Specific to Azul Zulu Builds of OpenJDK

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

Zulu Patch ID	Synopsis
AZULJDK-10	stage 1 - ReadyNow persistentProfile core into Zulu JDK 27
AZULJDK-100	[ext-gc-logging] SA build prints hyphen for cgroup memory and CPU metrics in -Xlog:ext*:ext.log
AZULJDK-12	Implement PMM-984: UnlockAzulCommercialFeatures
AZULJDK-14	stage 2 - ReadyNow profile capture and proactive compilation
AZULJDK-48	Port Initial Sysinfo dumping
AZULJDK-49	GC logging: Update tag name to ext
AZULJDK-51	GC logging: Block the feature on non-linux platforms
AZULJDK-55	UseFalcon VM option: no-op
AZULJDK-68	All RN flags need to be experimental
AZULJDK-72	Move mtPersistentProfile after mtNone
AZULJDK-8	Integrate Zing logging to OneJDK
AZULJDK-85	Revert AZULJDK-55:"UseFalcon VM option: no-op"
AZULJDK-95	Rename UnlockAzulCommercialFeatures flag to UnlockAzulFeatures
ZULU-61036	Support CPUFeatures also for aarch64
ZULU-63162	Add jdk.jcmd to JRE builds
ZULU-86679	Remove S3 image bitmask handling in JVM
ZULU-87174	Update to VS2022-17.6.5+1.0 for building on Windows
ZULU-88241	Zulu 27+15 refers on the wrong version of Redistributable Runtime DLLs
ZULU-88254	Don’t test warp in HelpFlagsTest & VersionCheck
ZULU-88313	Don’t load CRIU plugins
ZULU-88378	Exclude failed tests on zulu26-crac
ZULU-88379	Synchronize with JDK-8378978: Use CRIU from PATH

Zulu Patch ID	Synopsis
ZULU-88535	Use archived localstack container image
ZULU-88585	Fix dev BOMs in zulu26-crac
ZULU-89386	CI: Exclude failed tests failed on win-aarch64
ZULU-89465	Prevent thread termination during CML
ZULU-89690	Handle crash on aarch64 Graviton 4
ZULU-89798	Basic autonomous auto-checkpoint manager
ZULU-89800	Better default policy for autonomous auto-checkpoint
ZULU-89849	Update boot JDK to 26
ZULU-90133	Exclude failed tests on zulu-default
ZULU-90243	complete_concurrent_restore called without preparation
ZULU-91244	Fix include order in crac_engine.cpp
ZULU-91281	Review reference to slackoverflow in cstdlib.hpp
ZULU-91303	Remove implementation of VM options replaced by CRaCEngineOptions
ZULU-91601	Fix non-refined build
ZULU-91759	Extend customizability of auto-checkpoint policy
ZULU-91760	YAML-like format for auto-checkpoint policy
ZULU-92289	Update Warp to 2.10.2
ZULU-92302	Update CRaC engine dependencies for July 2026
ZULU-93308	Post-review cleanup in AutoCheckpointPolicy
ZULU-93345	Fixup default auto-checkpoint policy
ZULU-95394	Update JFX to zulu27.0.0+101
ZULU-95619	Autonomous auto-checkpoint fixups
ZULU-96323	InvalidS3ImageLocationTest got merged with MissingMetadataTest in Zulu 27 CRaC
ZULU-96603	CI: Add dev boms to zulu27

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

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

Zulu Patch ID	Synopsis
ZULU-88238	Update OSX devkit to 15.4
ZULU-88277	jfx build is killed on linux-x64 AWS node
ZULU-88319	Perl error on jfx build host: "uniq" is not exported by the List::Util module
ZULU-88818	Don’t run test that fails on macos x86
ZULU-90124	Switch all JFX maven dependencies to Nexus proxy
ZULU-91025	SIGILL still showed on macosx
ZULU-92273	Update SQLite to 3.53.2
ZULU-96575	Fix JFX version test to pass on GA version

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