

Liberica JDK 26+37

Release Notes



Liberica JDK
26
March 18, 2026

be//soft

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Contents

1. Version information	5
------------------------	---

2. What's New	6
---------------	---

Notable Changes	6
-----------------	---

Discontinued OS support	30
-------------------------	----

IANA TZ Data version	30
----------------------	----

Future Timestamps	30
-------------------	----

Past Timestamps	30
-----------------	----

Code Fixes	30
------------	----

3. Known Issues	32
-----------------	----

4. Fixed CVEs	33
---------------	----

5. Resolved Issues	34
--------------------	----

JDK issues	34
------------	----

JFX issues	264
------------	-----

6. Updates to Third Party Libraries	277
-------------------------------------	-----

7. Upgrading to the New Version	278
---------------------------------	-----

1. Version information

This document provides information about Liberica JDK 26 release. The full version string for this update release is 26+37. The version number is 26.

Liberica JDK 26 is distributed as `.apk`, `.rpm`, `.zip`, `.deb`, `.pkg`, and `.tar.gz` packages. Please select the most appropriate for your purposes.

2. What's New

This release contains the following updates and new features.

Notable Changes

This is the list of the notable issues fixed in this release.

Issue ID	
JDK-7105350	<p>Summary: <code>HttpExchange</code>'s attributes are the same as <code>HttpContext</code>'s attributes</p> <p>Description: Prior to JDK 26, in the JDK default implementation of the HTTP server in the <code>jdk.httpserver</code> module, the <code>HttpExchange</code> attribute map was shared with the enclosing <code>HttpContext</code>. Since JDK 26, by default, context attributes are no longer shared with all of their exchanges. Instead, each exchange has its own map of attributes. This default behavior can be reverted to the pre-JDK 26 behavior by setting the <code>jdk.httpserver.attributes</code> system property. See the <code>[jdk.httpserver]</code> module-info for more information.</p>
JDK-8048180	<p>Summary: G1: Eager reclaim of humongous objects with references</p> <p>Description: The G1 garbage collector now eagerly reclaims eligible humongous (very large objects that occupy more than half a heap region) objects containing references. Instead of requiring liveness analysis (concurrent marking) of the entire Java heap, G1 can collect these objects at any garbage collection pause if they are not referenced any more. This mechanism applies to both humongous arrays of references (e.g. <code>Object[]</code>) and regular humongous objects. This change allows for prompt recovery of memory previously held by such objects, particularly if they are short-lived. This improves garbage collection efficiency and reduces heap usage.</p>

Issue ID

JDK-8208693

Summary: HttpClient: Extend the request timeout's scope to cover the response body

Description: The HTTP Client request timeout set using `[java.net.http.HttpRequest.Builder::timeout]` previously applied only until the response headers were received. Its scope has now been extended to also cover the consumption of the response body, if present.

JDK-8212084

Summary: G1: Implement UseGCOverheadLimit

Description: The G1 garbage collector now throws an `OutOfMemoryException` (OOM) when the garbage collection overhead is more than `GCTimeLimit` percent (default value 98) and the free Java heap is less than `GCHeapFreeLimit` percent (default value 2) for five consecutive garbage collections. This feature is enabled by default. It can be disabled using the `-XX:-UseGCOverheadLimit` option. The implementation mirrors the functionality already provided by the Parallel garbage collector. However there may be differences in the exact conditions for the OOM triggers as G1 calculates garbage collection overhead and free Java heap slightly differently.

JDK-8244336

Summary: Restrict algorithms at JCE layer

Description: A new security property named `jdk.crypto.disabledAlgorithms` has been introduced to disable algorithms for JCE/JCA cryptographic services. Initially, this property only supports the *Cipher*, *KeyStore*, *MessageDigest*, and *Signature* services. This property is defined in the `java.security` file and initially no algorithms are disabled by default. However, this may change in the future. This security property can be overridden by a system property of the same name if applications need to re-enable algorithms. See [Disabled and Restricted Cryptographic Algorithms](#) for more information.

Issue ID

JDK-8268406

Summary: Deallocate jmethodID native memory

Description: The internal representation of native method pointers, `jmethodID`, has been changed to no longer be a pointer to the JVM representation of the method. Native code that breaks the abstraction of `jmethodID` to assume this representation will stop working in JDK 26. `jmethodID` is now a unique identifier that the JVM maps to the native JVM Method.

JDK-8277585

Summary: Remove the terminally deprecated `finalize()` method from `javax.imageio.stream` APIs

Description: Java Object Finalization will be removed from a future JDK version. In anticipation of this, use of this mechanism has been removed from the class `[javax.imageio.stream.ImageInputStreamImpl]` and from all its subclasses.

JDK-8309399

Summary: JVMTI spec needs to clarify when `OPAQUE_FRAME` is thrown for reasons other than a native method

Description: The following JVMTI spec sections have been updated to be made more clear and consistent with regards to which cases the `JVMTI_ERROR_OPAQUE_FRAME` error code can be returned: `PopFrame`, `NotifyFramePop`, `ForceEarlyReturn<Type>`, `GetLocal<Type>`, `SetLocal<Type>`, and the description of the `JVMTI_ERROR_OPAQUE_FRAME` error code.

Issue ID

JDK-8309400

Summary: JDI spec needs to clarify when `OpaqueFrameException` and `NativeMethodException` are thrown

Description: `[ThreadReference.popFrames()]` and `[ThreadReference.forceEarlyReturn()]` were previously documented as only throwing `OpaqueFrameException` for virtual threads. This indicated that the functionality cannot be performed on the virtual thread frame for a reason that is unique to virtual threads. However, it was realized that there were error conditions that resulted in a `NativeMethodException` when in fact the underlying error was not due to a native method, and was not unique to virtual threads. The appropriate exception in this case would be an `OpaqueFrameException` instead of a `NativeMethodException`. Both these APIs have now been updated to be consistent with when these two exceptions are thrown for both virtual threads and platform threads. This means you may now see these two APIs throw `OpaqueFrameException` for a platform thread when previously this was not possible.

JDK-8314180

Summary: Disable XPath in XML Signatures

Description: XML signatures that use XPath transforms have been disabled by default. The XPath transform is not recommended by the [XML Signature Best Practices](#) document. Applications should use the XPath Filter 2.0 transform instead, which was designed to be an alternative to the XPath transform. If necessary, and at their own risk, applications can workaround this policy by modifying the `jdk.xml.dsig.secureValidationPolicy` security property and re-enabling the XPath transform. See the definition of this security property in the `java.security` file for more information.

Issue ID

JDK-8325448

Summary: Hybrid Public Key Encryption

Description: A new Cipher algorithm named 'HPKE' has been introduced. The HPKE algorithm is defined in [RFC 9180: Hybrid Public Key Encryption](#) and is a public key encryption scheme for encrypting arbitrary-sized plaintexts with a recipient's public key. HPKE combines a key encapsulation mechanism (KEM), a key derivation function (KDF), and an authenticated encryption with additional data (AEAD) cipher. All KEM, KDF, and AEAD algorithm identifiers defined in RFC 9180 are supported. The new HPKEParameterSpec class allows users to choose algorithm identifiers and set other parameters such as HPKE modes, application-supplied info, and mode-specific keys. The [API documentation][HPKEParameterSpec] provides a simple example showing how to set parameters and perform encryption and decryption. See [Securely Exchanging Messages with HPKE and the HPKEParameterSpec Class](#) for more information.

JDK-8329829

Summary: HttpClient: Add a BodyPublishers.ofFileChannel method

Description: A new static [ofFileChannel(FileChannel channel, long offset, long length)] method has been added to `java.net.HttpRequest.BodyPublishers`. This method provides an `HttpClient` request body publisher to upload a certain region of a file. The new publisher does not modify the state of the passed `FileChannel`, streams the file channel bytes as it publishes (i.e., avoids reading the entire file into the memory), and can be leveraged to implement sliced uploads.

Issue ID

JDK-8330940

Summary: Impossible to create a socket backlog greater than 200 on Windows 8+

Description: Setting the connection backlog to > 200 in `java.net.ServerSocket`, `java.nio.channels.ServerSocketChannel`, and `java.nio.channels.AsynchronousServerSocketChannel` is now effective on Windows. Previously it was clamped at 200. Server applications that use a higher backlog value will now queue more incoming connections, at the operating system level, rather than rejecting the connection.

JDK-8332623

Summary: Remove `setTTL()/getTTL()` methods from `DatagramSocketImpl/MulticastSocket` and `MulticastSocket.send(DatagramPacket, byte)`

Description: The following terminally deprecated methods have been removed. `java.net.MulticastSocket` methods: `public void setTTL(byte ttl)` throws `IOException`, `public byte getTTL()` throws `IOException`, `public void send(DatagramPacket p, byte ttl)` throws `IOException`; `java.net.DatagramSocketImpl` methods: `protected void setTTL(byte ttl)` throws `IOException`, `protected byte getTTL()` throws `IOException`.

JDK-8334015

Summary: Add Support for UUID Version 7 (UUIDv7) defined in RFC 9562

Description: `[java.util.UUID.ofEpochMillis(long)]` has been added to create a type 7 UUID from a given Unix epoch timestamp.

JDK-8342705

Summary: Add dark mode for docs

Description: The API documentation generated by `[JavaDoc][javadoc]` now features a dark theme. The theme can be switched between the default light theme, the new dark theme, and the theme indicated by the system setting using the new theme button in the navigation bar.

Issue ID

JDK-8343232

Summary: PKCS#12 KeyStore support for RFC 9879: Use of Password-Based Message Authentication Code 1 (PBMAC1)

Description: The JDK PKCS12 [KeyStore] implementation now supports the more modern PBMAC1 algorithm for integrity protection. To use the PBMAC1 algorithm, set the 'keystore.pkcs12.macAlgorithm' property in the `java.security` configuration file to a PBMAC1 algorithm. For example, 'PBEWithHmacSHA256'. Existing PKCS12 keystore files will continue to use the integrity algorithm it was created with, but new keystore files will use the PBMAC1 algorithm. In a future JDK release, the default value of the 'keystore.pkcs12.macAlgorithm' security property will be changed to a PBMAC1 algorithm.

JDK-8346944

Summary: Update Unicode Data Files to 17.0.0

Description: This release upgrades the Unicode version to 17.0, which includes updated versions of the Unicode Character Database and Unicode Standard Annexes #9, #15, and #29. For more details about Unicode 17.0, refer to the [Unicode Consortium's release note](#).

JDK-8347114

Summary: JMXServiceURL should require an explicit protocol

Description: The class `[javax.management.remote.JMXServiceURL]` requires that a protocol is specified when using its `String` constructor, and will throw `MalformedURLException` if the protocol is missing. This behaviour is now extended to the other constructors that take individual parameters, and the historical defaulting to the 'jmxmp' protocol is removed.

Issue ID

JDK-8347831

Summary: Re-examine version check when cross linking

Description: The [jlink] tool can be used to assemble a set of modules and their dependencies into a custom runtime image for a different OS, architecture, or JDK version to the JDK containing the `jlink` tool. This is sometimes referred to as 'cross linking'. The version checking used when cross linking is changed to be more strict than in previous releases. When cross linking, the set of standard and JDK modules for the custom runtime must exactly match the version and vendor of the JDK containing the `jlink` tool. This strict checking is necessary due to the pipeline of `jlink` plugins that transform and optimize the classes and resources that go into the image. The `jlink` tool cannot reliably generate a runtime image when they don't match exactly.

JDK-8349732

Summary: Add support for JARs signed with ML-DSA

Description: The JDK now supports creating and verifying JAR files signed with the post-quantum ML-DSA algorithm, using PKCS #7 as defined in [RFC 9882](#). This new feature is available through both the `JarSigner` API and the `jarsigner` tool.

JDK-8353749

Summary: Improve security warning when using JKS or JCEKS keystores

Description: The tools and [KeyStore] APIs have been updated to warn users when legacy JKS and JCEKS keystores are used, as they use outdated cryptographic algorithms and will be removed in a future release. Users are instead advised to migrate to a PKCS12 keystore using the `keytool -importkeystore` command.

Issue ID

JDK-8353925

Summary: Remove Sun Microsystems JCE Code Signing Root CA

Description: The Oracle JDK will no longer accept 3rd Party cryptographic providers signed with certificates issued by the old (expired) Sun JCE CA root certificate. The Sun JCE Certificate Authority issued code-signing certificates to customers so they can create third-party JCE cryptographic providers for use in the JDK (and the Sun/Oracle JDK-derived distributions). This Authority was taken over by Oracle, and in 2016 a newer, stronger root certificate was created to anchor newly issued certificates.

JDK-8354469

Summary: Keytool exposes the password in plain text when command is piped using grep

Description: The [keytool] command reads passwords from the system console to prevent them from being displayed on the screen. However, the console is usually available only when both the standard input and output streams are not redirected. Previously, if the standard output stream was redirected into a file or another command, the console was unavailable and the input password was echoed on the screen. This enhancement improves password handling to ensure that the password is not displayed on the screen even if the standard output stream is redirected. This enhancement has also been made to the [jarsigner] command and the JAAS [TextCallbackHandler] API.

JDK-8354548

Summary: Update CLDR to Version 48.0

Description: The locale data based on the Unicode Consortium's CLDR has been upgraded to version 48. Besides the usual addition of new locale data and translation changes, there are notable changes from the upstream CLDR, affecting Date/Time/Number formats. For more details, please refer to the [Unicode Consortium's CLDR release notes](#) and their [locale data deltas](#).

Issue ID

JDK-8356557

Summary: Update `CodeSource::implies` API documentation and deprecate `java.net.SocketPermission` class for removal

Description: The `[java.net.SocketPermission]` class has been deprecated for removal. This permission cannot be used for controlling access to resources as the Security Manager is no longer supported.

JDK-8356995

Summary: Provide default methods `min(T, T)` and `max(T, T)` in `Comparator` interface

Description: New default methods `min()` and `max()` are added to the `java.util.Comparator` interface, which allow finding greater or smaller of two objects, according to this `Comparator` without changing existing implementations of the comparator.

JDK-8357653

Summary: Inner classes of type parameters emitted as raw types in signatures

Description: Whenever a reference to an inner type of the kind `A.B` is found, `javac` needs to normalize the qualifier type `A`, so that any reference to potentially parameterized types are made explicit. This normalization occurs regardless of whether this type is explicitly provided in the source code, or inferred from the enclosing context. Some cases were found where no normalization was applied to the type qualifier — e.g. if the qualifier is a type-variable type. The lack of normalization led to spurious errors, as the type reference was incorrectly classified as a raw type. This change adds the missing normalization step. While this change is generally beneficial, as spurious errors that would cause compilation to fail are no longer generated, there might be cases where the additional normalization steps might result in a change in overload resolution.

Issue ID

JDK-8358942

Summary: HttpClient adds Content-Length: 0 for a GET request with a BodyPublishers.noBody()

Description: `java.net.HttpClient` has been updated to stop sending the `Content-Length` header on HTTP/1.1 requests using a `[method][HttpRequest.Builder.method]` other than POST or PUT when provided with a `BodyPublisher` that reports a `contentLength()` of zero bytes. This behavior follows the recommendations in RFC 9110: HTTP Semantics. Users who need the header may add it using the `HttpRequest.Builder`. The header is restricted by default, and needs to be allowed by setting the system property `[jdk.httpClient.allowRestrictedHeaders]` to include `content-length`.

JDK-8359110

Summary: Log accumulated GC and process CPU time upon VM exit

Description: G1 only uses pause times as a metric to calculate the gc cpu usage. This disregarded concurrent cpu usage completely. JDK-8315149 introduced thread CPU time sampling in the VM thread on completed operation. This patch added a thread CPU time sampling for GC related VM operations before executing an operation to be able to measure the CPU time. This allows you to account for e.g. Serial that only uses the VM thread, as-well as improving accounting for other GCs.

JDK-8359170

Summary: Add 2 TLS and 2 CS Sectigo roots

Description: The following root certificates have been added to the cacerts truststore: `sectigocodesignroote46`, `sectigocodesignrootr46`, `sectigotlsroote46`, `sectigotlsrootr46`.

Issue ID

JDK-8359395

Summary: XML signature generation does not support user provided SecureRandom

Description: A new property called 'jdk.xmlsig.SecureRandom' has been added to [DOMSignContext] so you can use your own SecureRandom instance. To use this property, call `signContext.setProperty('jdk.xmlsig.SecureRandom', yourSecureRandom)` before calling `XMLSignature.sign(signContext)`.

JDK-8359760

Summary: Remove the jdk.jsobject module

Description: The `jdk.jsobject` module has been removed - it is included with JavaFX 24 and later.

JDK-8359809

Summary: AttributeList, RoleList, and RoleUnresolvedList should never accept other types of Object

Description: The classes [javax.management.AttributeList], and [javax.management.relation.RoleList] and [RoleUnresolvedList][javax.management.relation.RoleUnresolvedList], have historically accepted objects of the wrong type, and only verified types when (and after) the 'asList()' method is called. This feature has been removed, and these classes never accept the wrong kind of Object. Most applications using these classes should not be affected.

JDK-8360463

Summary: Ambiguity in Cipher.getInstance() specification between NoSuchAlgorithmException and NoSuchPaddingException

Description: The [Cipher.getInstance(String)] method is declared to throw `NoSuchPaddingException` and `NoSuchAlgorithmException`. In prior releases, `NoSuchPaddingException` is never thrown and is instead wrapped inside a `NoSuchAlgorithmException` as the cause. This issue has been fixed and `NoSuchPaddingException` is thrown directly.

Issue ID

JDK-8361212

Summary: Remove AffirmTrust root CAs

Description: The following root certificates, which are deactivated and no longer in use, have been removed from the `cacerts` keystore: alias name 'affirmtrustcommercialca [jdk]'; alias name 'affirmtrustnetworkingca [jdk]'; alias name 'affirmtrustpremiumca [jdk]'; alias name 'affirmtrustpremiumeccca [jdk]'.

JDK-8361614

Summary: Missing sub-int value validation in the Class-File API

Description: In the `class` file format, the representable range of many integer values are narrower than that of the `int` primitive type in the Java programming language. Currently, the Class-File API truncates the most significant bytes of a user-provided `int` value upon writing to `class` file. Upon reading, the truncated value is zero or sign extended, depending on the type, back to an `int`, and may differ from the user-provided value. For instance, an `int` value 65536 would become 0 after this write-read to a `u2` value. To prevent such error-prone usage, the Class-File API now performs eager validation of `int` values that would be lost after a truncation, including the size of lists. Such unrepresentable data will result in an `IllegalArgumentException`. Users who used such silent truncation should migrate to explicit truncation before passing data instead.

JDK-8361640

Summary: JFR: `RandomAccessFile::readLine` emits events for each character

Description: `RandomAccessFile` is instrumented to emit `FileRead` events when a user calls a `read` method, but if the user calls the `readLine()` method, this event used to emit an event for every character. This led to unnecessary overhead, especially if the line was very long. This change has the following side effect. Before Java 25, a call to `RandomAccessFile.readLine()` would call `read()` on that same instance. However, starting Java 25, if a subclass of `RandomAccessFile` reads and buffers the file content to return that buffered content from calls to `read()`, since `readLine()` no longer calls `read()`, the call to `readLine()` ends up returning null (even when there is buffered content in the subclass).

Issue ID

JDK-8361964

Summary: Remove outdated algorithms from requirements and add PBES2 algorithms

Description: The following security algorithm implementation requirements in the Java Security Standard Algorithm Names specification and the API specifications have been removed. AlgorithmParameters: DESede → Cipher: DESede/CBC/NoPadding, DESede/CBC/PKCS5Padding, DESede/ECB/NoPadding, DESede/ECB/PKCS5Padding, RSA/ECB/PKCS1Padding; KeyGenerator: DESede; SecretKeyFactory: DESede. The following PBES2 algorithms from [RFC 8018: PKCS #5: Password-Based Cryptography Specification Version 2.1](#) have been added as new requirements. AlgorithmParameters: PBEWithHmacSHA256AndAES_128, PBEWithHmacSHA256AndAES_256; Cipher: PBEWithHmacSHA256AndAES_128, PBEWithHmacSHA256AndAES_256; Mac: PBEWithHmacSHA256; SecretKeyFactory: PBEWithHmacSHA256AndAES_128, PBEWithHmacSHA256AndAES_256, PBKDF2WithHmacSHA256.

JDK-8362304

Summary: Fix JDWP spec w.r.t. OPAQUE_FRAME and INVALID_SLOT errors

Description: [StackFrame.SetValues][docs/specs/jdwp/jdwp-protocol.html#JDWP_StackFrame_SetValues], [StackFrame.GetValues][docs/specs/jdwp/jdwp-protocol.html#JDWP_StackFrame_GetValues], [StackFrame.PopFrames][docs/specs/jdwp/jdwp-protocol.html#JDWP_StackFrame_PopFrames], and [ThreadReference.ForceEarlyReturn][docs/specs/jdwp/jdwp-protocol.html#JDWP_ThreadReference_ForceEarlyReturn] all received specification updates to clarify when OPAQUE_FRAME and INVALID_SLOT errors are returned.

Issue ID

JDK-8362448

Summary: Make use of the `Double.toString(double)` algorithm in `java.text.DecimalFormat`

Description: Class `[java.text.DecimalFormat]` now uses the algorithm implemented in `[Double.toString(double)]` and in `[java.util.Formatter]` to format floating-point values. As a consequence, in rare cases the outcome might be slightly different than with the old algorithm. For example, the `double 7.3879E20` now produces `'73879000000000000000'` rather than `'7387900000000000100000'` given appropriate formatting specifications. To help migrating applications that might be impacted by this change, for a few releases the old algorithm will still be available and can be enabled with the `'-Djdk.compat.DecimalFormat=true'` option on the launcher command line. Absent this option, the new algorithm is used.

JDK-8362637

Summary: Convert `java.nio.ByteOrder` to an enum

Description: `[java.nio.ByteOrder]` is converted from a class to an Enum to allow it to be used in expression switch and elsewhere the language can dispatch on an Enum, for example in `switch`. The `ByteOrder` enum is fully compatible with the class implementation. The `BIG_ENDIAN`, `LITTLE_ENDIAN`, and `[ByteOrder.nativeOrder()]` values remain a simple and effective way to test for the byte order.

JDK-8363972

Summary: Lenient parsing of minus sign pattern in `DecimalFormat/CompactNumberFormat`

Description: `[java.text.NumberFormat]` now supports lenient parsing of minus signs in negative patterns when `[NumberFormat.isStrict()]` returns `false`. This behavior is enabled by default and can be disabled with `[NumberFormat.setStrict(true)]`. When lenient, the concrete implementations, `[DecimalFormat]` and `[CompactNumberFormat]`, use CLDR's `parseLenient` data to recognize alternate minus signs. For example, text using the `MINUS SIGN (U+2212)` as the negative prefix is now correctly parsed.

Issue ID

JDK-8364227

Summary: MBeanServer registerMBean throws NPE

Description: The `javax.management.MBeanServer` method `[registerMBean][MBeanServer.registerMBean]` now throws a `RuntimeException` instead of `NullPointerException` when invoked with a null 'object' parameter. This correction aligns the implementation with the specification, and becomes the same as other methods in the class. This is not expected to affect most applications, and could only be noticed after other application errors have occurred.

JDK-8364361

Summary: [process] `java.lang.Process` should implement `Closeable`

Description: [Process] has a new `close()` method and supports `AutoCloseable`. Closing a process ensures that it has terminated and its streams and underlying resources are released. When used with `try-with-resources`, the process and its streams are closed when the `try-with-resources` block exits. See `[java.lang.Process][java.lang.Process.close()]` for details and examples.

JDK-8364993

Summary: JFR: Disable `jdk.ModuleExport` in `default.jfc`

Description: The JFR events `jdk.ModuleExport`, `jdk.SymbolTableStatistics`, and `jdk.StringTableStatistics` have been disabled in the default JFR configuration (`default.jfc`) to reduce overhead when JFR is not explicitly configured. To enable these events, set the corresponding event setting when starting a recording, for example: `-XX:StartFlightRecording:jdk.ModuleExport#enabled=true`.

Issue ID

JDK-8365057

Summary: Add support for `java.util.concurrent` lock information to `Thread.dump_to_file`

Description: The thread dump generated by the `[com.sun.management.HotSpotDiagnosticMXBean.dumpThreads]` API, and the diagnostic command `jcmd <pid> Thread.dump_to_file`, now includes information about park blocker owner for threads that are parked on `[java.util.concurrent.locks.AbstractOwnableSynchronizer]` objects.

JDK-8365086

Summary: `CookieStore.getURIs()` and `get(URI)` should return an immutable List

Description: The JDK's implementation of the `[java.net.CookieStore]` interface has been updated to return an immutable `[java.util.List]` from the `[getURIs()]` and `[get(URI)]``[java.net.CookieStore.get(URI)]` methods. The updated implementation now matches the specification of these two methods.

JDK-8366364

Summary: Return enabled signature schemes with `SSLConfiguration#getSSLParameters()` call

Description: The output of `java -XshowSettings:security:tls` has been updated to include the list of enabled signature schemes used for SSL/TLS/DTLS handshake.

JDK-8366434

Summary: THP not working properly with G1 after JDK-8345655

Description: G1, the default garbage collector, can again properly utilize Transparent Huge Pages (THP) on systems with the THP mode configured as `madvise`. The issue preventing the option `-XX:+UseTransparentHugePages` from enabling THP has been resolved.

Issue ID

JDK-8366575

Summary: Remove SDP support

Description: The JDK built-in support for InfiniBand Sockets Direct Protocol (SDP) on Linux has been removed. SDP has been obsolete for many years and is no longer supported by any mainstream distribution. The system property `com.sun.sdp.conf` that could be used to configure SDP usage, and the sample configuration file `$JAVA_HOME/conf/sdp/sdp.conf.template`, are also removed.

JDK-8366577

Summary: Deprecate `java.net.Socket::setPerformancePreferences`

Description: The method `setPerformancePreferences` in `java.net.Socket`, `java.net.SocketImpl`, and `java.net.ServerSocket` was introduced in Java 1.5 with the intention of providing a declarative API for configuring the performance-wise characteristics of the underlying socket, yet it has always been a no-op. These methods are deprecated for removal without any replacement.

JDK-8366829

Summary: Add `java.time.Duration` constants MIN and MAX

Description: New constants are added to `[java.time.Duration]` for the minimum and maximum values. `[Duration.MIN]` is the smallest (negative) duration and `[Duration.MAX]` is the largest (positive) duration.

JDK-8366911

Summary: (fs) Remove support for normalizing file names to Unicode normalized form D (macOS)

Description: Normalization of file names is not performed by APFS, which succeeded HFS+ as the macOS file system as of September 2017. The system property `jdk.nio.path.useNormalizationFormD` was added in JDK 20 to allow enabling such normalization if it was needed for backward compatibility. Given that no currently supported version of macOS performs file path normalization, support for this property has been removed.

Issue ID

JDK-8367031

Summary: [backout] Change `java.time` month/day field types to 'byte'

Description: The regression in the serialization of `java.time` class objects including `LocalDate` has been corrected.

JDK-8367112

Summary: `HttpClient` does not support Named Groups set on `SSLParameters`

Description: During the setup of new connections, `java.net.http.HttpClient` now uses the signature schemes and named groups configured on `SSLParameters` when negotiating the TLS handshake. Previously these configured values were ignored.

JDK-8367157

Summary: Remove `jrnscrip` tool

Description: The experimental and unsupported `jrnscrip` tool has been removed from the JDK.

JDK-8368226

Summary: Remove `Thread.stop`

Description: The method [`java.lang.Thread.stop()`] has been removed in this release. This inherently unsafe method was deprecated in JDK 1.2 (1998), deprecated for removal in JDK 18, and was re-specified in JDK 20 to throw `UnsupportedOperationException` unconditionally. Code that uses this method will no longer compile. Code using this method that is compiled to older releases will throw `NoSuchMethodError` instead of `UnsupportedOperationException` if executed on JDK 26 or newer.

Issue ID

JDK-8368527

Summary: JMX: Add an MXBeans method to query GC CPU time

Description: A new method [`getTotalGcCpuTime()`] has been added to [`java.lang.management.MemoryMXBean`], that returns a long result with the accumulated CPU time in nanoseconds for GC related activity. Although added as a standard API, possible usage may be in conjunction with the `ProcessCpuTime` property defined by the JDK-specific management interface [`com.sun.management.OperatingSystemMXBean`].

JDK-8368856

Summary: Add a method that performs saturating addition of a `Duration` to an `Instant`

Description: [`java.time.Instant`] has a new method to simplify adding a `Duration` to an `Instant`. The [`plusSaturating(Duration)`] method adds a `Duration` to an `Instant` using saturating arithmetic. The method never overflows or exceeds the `Instant` range, and returns the nearest bound (`Instant.MIN` or `Instant.MAX`) instead of throwing an exception.

JDK-8369238

Summary: Allow virtual thread preemption on some common class initialization paths

Description: A virtual thread waiting for another thread to finish class initialization will now usually unmount from its carrier thread instead of staying pinned. Previously, the virtual thread remained pinned, tying up a platform thread. Unmounting releases the platform thread so the scheduler can run other virtual threads, improving performance and helping prevent deadlocks when many threads wait on class initialization.

Issue ID

JDK-8369346

Summary: Remove default value of and deprecate the MaxRAM flag

Description: To simplify heap sizing and reduce user confusion, the MaxRAM flag has been marked as deprecated with the intent to be obsoleted and removed in future releases. Explicit configuration of MaxRAM is rarely necessary, as the JVM accurately detects available physical memory and system commit limits. Setting MaxRAM above the actual physical memory may lead to incorrect heap sizing and is not a common use case. Additionally, the default value of MaxRAM has been removed. From now on and until the MaxRAM flag is obsoleted, heap sizing calculations are based on the available memory on the system rather than the default value of MaxRAM, unless MaxRAM is explicitly set by the user. Users who need to control the heap size directly are encouraged to use flags such as `-Xms` and `-Xmx` instead.

JDK-8369517

Summary: Compilation mismatch for equivalent lambda and method reference

Description: Prior to JDK 26, the `javac` compiler did not apply a JLS mandated capture conversion when deciding if a method reference is compatible with a given function type. Starting from JDK 26, the `javac` compiler will apply the JLS mandated capture conversion when deciding if a method reference is compatible with a given function type.

Issue ID

JDK-8370057

Summary: Correct scale handling of `BigDecimal.sqrt`

Description: Due to an oversight when `[BigDecimal.sqrt]` was first added to the platform, its preferred scale was defined as `argumentScale / 2` rather than `ceilDiv(argumentScale, 2)`. For many `argumentScale`'s these expression are equivalent, but for odd and positive scales they differ by 1. The latter definition aligns with the analogous concept for decimal floating-point types specified by the IEEE 754 floating-point standard and Java SE 26 is changed to use this latter definition. Before and after this change, numerically equal results will be returned; that is `oldResult.compareTo(newResult) == 0`. If the results differ, they will *only* differ in their representation (for example `10` vs `1e1`). In more detail, if the scale of the argument is even, the preferred scale is the same before and after this change. If the scale of the argument is odd and *negative*, the preferred scale is the same before and after this change.

JDK-8370387

Summary: Remove handling of `InterruptedException` from `java.io` classes

Description: The behavior of `[java.io.PrintStream]` and `[java.io.PrintWriter]` has changed when writing to a custom output stream that throws `InterruptedException`. If the custom output stream's `write` method throws `InterruptedException`, then the `PrintStream` or `PrintWriter` is now marked in error so that `checkError` returns `true`. Historically, this exception caused the writing `Thread`'s interrupted status to be set, without marking the stream in error.

Issue ID

JDK-8370813

Summary: Deprecate AggressiveHeap

Description: The `AggressiveHeap` flag was introduced to optimize performance for specific benchmarking scenarios, but its lack of transparency and limited applicability have led to confusion and inconsistent results for general workloads. To simplify JVM configuration, this flag is marked as deprecated with the intent to be removed in future releases. Users who require their application to continue with similar behavior should specify the corresponding flags: `-XX:+UseParallelGC` `-XX:+UseLargePages` `-XX:-ResizeTLAB` `-XX:TLABSize=256K` `-XX:YoungPLABSize=256K` `-XX:OldPLABSize=8K` `-XX:ThresholdTolerance=100` and set the following values: `-Xmx` and `-Xms` to half the available physical memory; `-XX:NewSize` to 3/8 of available physical memory; `-XX:MaxNewSize` to the value of `-XX:NewSize`.

JDK-8370843

Summary: Deprecate `AlwaysActAsServerClassMachine` and `NeverActAsServerClassMachine`

Description: The `AlwaysActAsServerClassMachine` and `NeverActAsServerClassMachine` flags are used to influence two separate behaviors: 1) which GC is chosen by default, and 2) whether client emulation mode is selected. Both flags are marked as deprecated with the intent to be removed in future releases. Users who rely on a specific GC being chosen through the `AlwaysActAsServerClassMachine` and `NeverActAsServerClassMachine` flags should instead explicitly configure the GC they want, for example by using `-XX:+UseSerialGC` or `-XX:+UseG1GC`.

Issue ID

JDK-8371259

Summary: ML-DSA AVX2 and AVX512 intrinsics and improvements

Description: This feature delivers new intrinsics using AVX2 instructions on x86_64 platforms for the ML-DSA signature algorithm in the SUN security provider. This feature also improves the existing AVX512 intrinsics for the ML-DSA algorithm. This optimization is enabled by default on supporting x86_64 platforms. It may be disabled by providing the [-XX:+UnlockDiagnosticVMOptions] [-XX:-UseDilithiumIntrinsics] command-line options.

JDK-8371960

Summary: Missing null check in AnnotatedType annotation accessor methods

Description: Annotation access methods declared on [java.lang.reflect.AnnotatedElement] specify they throw NullPointerException if their argument is null. In prior releases, implementations of [java.lang.reflect.AnnotatedType] and its subinterfaces did not throw NullPointerException for [isAnnotationPresent][AnnotatedElement.isAnnotationPresent], [getAnnotation][AnnotatedType.getAnnotation], and [getDeclaredAnnotation][AnnotatedElement.getDeclaredAnnotation] methods from AnnotatedElement. These methods now throw NullPointerException instead of returning false or null for a null argument.

JDK-8371986

Summary: Remove the default value of InitialRAMPercentage

Description: If users do not set the initial Java heap size with -Xms or -XX:InitialHeapSize, the JVM used to calculate it using InitialRAMPercentage (default: 1/64 of system RAM). On modern systems with large memory, this created large initial heaps and slowed JVM startup due to extra memory initialization. This change removes the default InitialRAMPercentage. Now, if no initial heap size is specified, the JVM starts with the minimum heap size (MinHeapSize), improving startup performance. To restore the old behavior, set InitialRAMPercentage to 1.5625 or explicitly configure the heap size using -Xms or -XX:InitialHeapSize.

Discontinued OS support

Note that Liberica JDK 26 is not available for and cannot be run on the following operating systems:

- Windows x86 (32-bit)
- macOS 10.x

IANA TZ Data version

This release of Liberica JDK 26 comes with the 2025b version of the in-tree copy of the [IANA timezone database](#). The following are the key features of this version.

Future Timestamps

New Time Zone:

A new time zone, America/Coyhaique, is created for Chile's Aysén Region, which will now observe UTC−03 year-round (no daylight saving time).

- This diverges from America/Santiago starting March 20, 2025.
- Aysén will not change clocks on April 5, 2025.
- This aligns Aysén with Magallanes Region.

Past Timestamps

Iran Time Change Correction:

Iran changed from UTC+04 to UTC+03:30 on November 10, 1978, not at the end of the year as previously recorded.

Code Fixes

Improved behavior for the zic tool:

- It no longer creates invalid symlinks when using -l with multiple arguments.
- A buffer underflow issue is resolved.

For more information, see [JDK-8352716](#).

3. Known Issues

This release does not contain any known issues.

4. Fixed CVEs

This release does not contain any fixed Common Vulnerabilities and Exposures.

5. Resolved Issues

JDK issues

This is the list of general JDK issues fixed in this release.

Issue ID	Summary
JDK-4138921	TextLayout handling of empty strings
JDK-4397513	Misleading "interface method" in InvocationHandler specification
JDK-4690476	NegativeArraySizeException from AffineTransformOp with shear
JDK-4938801	The popup does not go when the component is removed
JDK-4954405	Data buffers created with an offset are unusable
JDK-5038439	Warning message for literal shift amounts outside the canonical domain
JDK-6177299	[Fmt-Nu] NumberFormat.getPercentInstance() does not work correctly
JDK-6185110	Undefined behaviour of SampleModel for width, height < 0
JDK-6317534	CyclicBarrier should have a cancel() method

Issue ID	Summary
JDK-6351533	CyclicBarrier reset() should return the number of awaiters
JDK-6374942	Improve thread safety of collection .equals() methods
JDK-6400876	(bf) Remove sun.nio.ByteBuffered and related obsolete code
JDK-6453640	BandedSampleModel.createCompatibleSampleModel() API docs are wrong
JDK-6526284	Improve AbstractExecutorService javadoc
JDK-6625724	Allow ReentrantReadWriteLock to not track per-thread read holds
JDK-6663476	FutureTask.get() may return null if set() is not called from run()
JDK-6714849	ReentrantReadWriteLock: Abnormal behavior in non-fair mode
JDK-6798061	The removal of System.out.println from KeyboardManager
JDK-6955128	Spec for javax.swing.plaf.basic.BasicTextUI.getVisibleEditorRect contains inappropriate wording
JDK-7105350	HttpExchange's attributes are the same as HttpContext's attributes
JDK-7116990	(spec) Socket.connect(addr,timeout) not clear if IOException because of TCP timeout

Issue ID	Summary
JDK-7156751	[macosx] Problem with printing
JDK-7176957	ExecutorService submit method javaDoc enhancement
JDK-7184899	Test sun/java2d/X11SurfaceData/SharedMemoryPixmapsTest/SharedMemoryPixmapsTest.sh fail
JDK-7191877	TEST_BUG: java/rmi/transport/checkLeaseInfoLeak/CheckLeaseLeak.java failing intermittently
JDK-8015444	java/awt/Focus/KeyStrokeTest.java sometimes fails
JDK-8017266	Background is painted taller than needed for styled text.
JDK-8020207	jconsole fails connecting over SSL using service:jmx:rmi://...jndi...
JDK-8020282	Generated code quality: redundant LEAs in the chained dereferences
JDK-8023263	[TESTBUG] Test closed/java/awt/Focus/InactiveWindowTest/InactiveFocusRace fails due to not enough time to initialize graphic components
JDK-8026776	Broken API names in API doc
JDK-8030957	AIX: Implement OperatingSystemMXBean.getSystemCpuLoad() and .getProcessCpuLoad() on AIX

Issue ID	Summary
JDK-8037914	Add JFR event for string deduplication
JDK-8048180	G1: Eager reclaim of humongous objects with references
JDK-8064922	[macos] Test javax/swing/JTabbedPane/4624207/bug4624207.java fails
JDK-8068293	[TEST_BUG] Test closed/com/sun/java/swing/plaf/motif/InternalFrame/4150591/bug4150591.java fails with GTKLookAndFeel
JDK-8068310	[TEST_BUG] Test javax/swing/JColorChooser/Test4234761.java fails with GTKL&F
JDK-8071277	G1: Merge commits and uncommits of contiguous memory
JDK-8077587	BigInteger Roots
JDK-8131136	java/awt/font/JNICheck/JNICheck.sh issue warning on core-libs code
JDK-8137156	Javadoc for Future is misleading with respect to cancellation
JDK-8144124	[macosx] The tabs can't be aligned when we pressing the key of 'R','B','L','C' or 'T'.
JDK-8150564	Migrate useful ExtendedRobot methods into awt.Robot

Issue ID	Summary
JDK-8154364	(fs) Files.isSameFile() throws NoSuchFileException with broken symbolic links
JDK-8155591	Misleading warning when not overriding close method in interface extending AutoCloseable
JDK-8156715	TrustStoreManager does not buffer keystore input stream
JDK-8156755	[TESTBUG] Fix gc/g1/humongousObjects/objectGraphTest/TestObjectGraphAfterGC.java
JDK-8159055	Clarify handling of null and invalid image data for ImageIcon constructors and setImage method
JDK-8162380	[TEST_BUG] MouseEvent/.../AltGraphModifierTest.java has only "Fail" button
JDK-8171432	(fs) WindowsWatchService.Poller::run does not call ReadDirectoryChangesW after a ERROR_NOTIFY_ENUM_DIR
JDK-8172177	Improve documentation for CompletionException handling
JDK-8177100	APIs duplicated in JavaDoc
JDK-8177650	JShell tool: packages in classpath don't appear in completions

Issue ID	Summary
JDK-8183336	Better cleanup for <code>jdk/test/java/lang/module/customfs/ModulesInCustomFileSystem.java</code>
JDK-8186959	Clarify that <code>Executors.newScheduledThreadPool()</code> is fixed-size
JDK-8187775	<code>AtomicReferenceFieldUpdater</code> does not support static fields
JDK-8190889	<code>TimeUnit.wait</code> should document <code>IllegalMonitorStateException</code>
JDK-8195628	Documentation for <code>lock()</code> , <code>trylock()</code> , <code>lockInterruptibly()</code> of <code>ReentrantReadWriteLock.WriteLock</code> needs to be corrected
JDK-8199501	Improve documentation of <code>CompletableFuture</code> , <code>CompletionStage</code>
JDK-8201778	Speed up test <code>javax/net/ssl/DTLS/PacketLossRetransmission.java</code>
JDK-8203004	<code>UnixMultiResolutionSplashTest.java</code> fails on Ubuntu16.04
JDK-8208693	<code>HttpClient</code> : Extend the request timeout's scope to cover the response body
JDK-8209992	Align <code>SSLSocket</code> and <code>SSLEngine</code> Javadocs

Issue ID	Summary
JDK-8210149	Example in JavaDoc for <code>java.util.concurrent.Flow</code> violates Reactive Streams spec
JDK-8210312	JavaDoc example in <code>SubmissionPublisher</code> will potentially crash
JDK-8210549	<code>Runtime.exec</code> : in <code>closeDescriptors()</code> , use <code>FD_CLOEXEC</code> instead of <code>close()</code>
JDK-8210765	Remove <code>finalize</code> method in <code>CStrike.java</code>
JDK-8212084	G1: Implement <code>UseGCOverheadLimit</code>
JDK-8213530	Test <code>java/awt/Modal/ToFront/DialogToFrontModelTest.java</code> fails on Linux
JDK-8213762	Deprecate <code>Xmaxjitcodesize</code>
JDK-8220816	(fs) <code>Files.createDirectory</code> should make it more obvious that it fails when the directory already exists
JDK-8221451	PIT: <code>sun/java2d/X11SurfaceData/SharedMemoryPixmapTest/SharedMemoryPixmapTest.sh</code> fails
JDK-8224228	No way to locally suppress lint warnings in <code>parser/tokenizer</code> or <code>preview</code> features
JDK-8224852	JVM crash on watched field access from native code

Issue ID	Summary
JDK-8225354	serviceability/jvmti/ModuleAwareAgents/ThreadStart failed with Didn't get ThreadStart events in VM early start phase!
JDK-8225787	java/awt/Window/GetScreenLocation/GetScreenLocationTest.java fails on Ubuntu
JDK-8233050	CompletableFuture whenComplete and thenApply change exceptional result
JDK-8233115	Protect ExecuteWithLog from running with redirection without a subshell
JDK-8238687	Investigate memory uncommit during young collections in G1
JDK-8241066	Shenandoah: fix or cleanup SH::do_full_collection
JDK-8244336	Restrict algorithms at JCE layer
JDK-8245234	Still seeing missing mixed stack traces, even after JDK-8234624
JDK-8246037	Shenandoah: update man pages to mention -XX:+UseShenandoahGC
JDK-8246325	Add DRYRUN facility to SetupExecute
JDK-8247690	RunTest does not support running of JTREG manual tests
JDK-8247776	JFR: TestThreadContextSwitches.java failed "RuntimeException: No events: expected false, was true"

Issue ID	Summary
JDK-8247843	Reconsider G1 default GCTimeRatio value
JDK-8248324	G1: Remove resizing during Remark
JDK-8251928	[macos] the printer DPI always be 72, cause some content lost when print out
JDK-8252582	HotSpot Style Guide should permit variable templates
JDK-8254060	SubmissionPublisher close hangs if a publication is pending
JDK-8255082	HotSpot Style Guide should permit noexcept
JDK-8255463	java/nio/channels/spi/SelectorProvider/InheritedChannel/InheritedChannelTest.java failed with ThreadTimeoutException
JDK-8256289	java/awt/Focus/AppletInitialFocusTest/AppletInitialFocusTest1.java failed with "RuntimeException: Wrong focus owner: java.awt.Button[button1,41,36,56x23,label=Button1]"
JDK-8260555	Change the default TIMEOUT_FACTOR from 4 to 1
JDK-8261743	Shenandoah: enable String deduplication with compact heuristics
JDK-8264851	Shenandoah: Rework control loop mechanics to use timed waits
JDK-8265429	Improve GCM encryption

Issue ID	Summary
JDK-8265754	Move suspend/resume API from HandshakeState
JDK-8268406	Deallocate jmethodID native memory
JDK-8268613	jar --validate should check initial entries of a JAR file
JDK-8272160	Avoid using 32-bit counters in CDS code
JDK-8274051	Remove supports_vtime()/elapsedVTime()
JDK-8274082	Wrong test name in jtreg run tag for java/awt/print/PrinterJob/SwingUIText.java
JDK-8274178	G1: Occupancy value in IHOP logging and JFR event is inaccurate
JDK-8276966	Improve diagnostic output for the mismatching parts of a hybrid snippet
JDK-8277394	Remove the use of safepoint_workers in reference processor
JDK-8277444	Data race between JvmtiClassFileReconstituter::copy_bytecodes and class linking
JDK-8277585	Remove the terminally deprecated finalize() method from javax.imageio.stream APIs
JDK-8278856	javac documentation does not mention use of Manifest class-path attribute
JDK-8278874	tighten VerifyStack constraints

Issue ID	Summary
JDK-8279005	sun/tools/jstat tests do not check for test case exit codes after JDK-8245129
JDK-8280469	C2: CHA support for interface calls when inlining through method handle linker
JDK-8282427	jdk/jfr/jvm/TestWaste.java is failing with "exit code 139"
JDK-8282441	[LOOM] The debug agent should attempt to free vthread ThreadNodes
JDK-8283198	Remove src/jdk.hotspot.agent/test
JDK-8284016	Normalize handshake closure names
JDK-8284499	Add the ability to right-click and open in new tab JavaDoc Search results
JDK-8285150	Improve tab completion for annotations
JDK-8285984	G1: Use standard idiom for inlined payload in G1MonotonicArena::Segment
JDK-8286865	vmTestbase/vm/mlvm/meth/stress/jni/nativeAn dMH/Test.java fails with Out of space in CodeCache
JDK-8287062	com/sun/jndi/ldap/LdapPoolTimeoutTest.java failed due to different timeout message
JDK-8292365	CompletableFuture and CompletionStage should document Memory Model guarantees

Issue ID	Summary
JDK-8292984	Refactor internal container-related interfaces for clarity
JDK-8293484	AArch64: TestUseSHA512IntrinsicsOptionOnSupportedCPU.java fails on CPU with SHA512 feature support
JDK-8294035	Remove null ids checking from keytool -gencl
JDK-8294074	Make other specs more discoverable from the API docs
JDK-8294226	Document missing UnsupportedTemporalTypeException
JDK-8295851	Do not use ttyLock in BytecodeTracer::trace
JDK-8298432	Investigate the benefits of usage of GetPrimitiveArrayCritical in the cmm code
JDK-8298823	[macos] java/awt/Mouse/EnterExitEvents/DragWindowTest.java continues to fail with "No MouseReleased event on label!"
JDK-8299304	Test "java/awt/print/PrinterJob/PageDialogTest.java" fails on macOS 13 x64 because the Page Dialog blocks the Toolkit
JDK-8300080	offset_of for GCC/Clang exhibits undefined behavior and is not always a compile-time constant

Issue ID	Summary
JDK-8302057	Wrong BeanProperty description for JTable.setShowGrid
JDK-8304811	vmTestbase/vm/mlvm/indy/func/jvmti/stepBreakPopReturn/INDIFY_Test.java fails with JVMTI_ERROR_TYPE_MISMATCH
JDK-8305567	serviceability/tmtools/jstat/GcTest01.java failed utils.JstatGcResults.assertConsistency
JDK-8306324	StopThread results in thread being marked as interrupted, leading to unexpected InterruptedException
JDK-8307495	Specialize atomic bitset functions for aix-ppc
JDK-8308027	GetThreadListStackTraces/OneGetThreadListStackTraces.java should be skipped when thread factory is used
JDK-8308094	Add a compilation timeout flag to catch long running compilations
JDK-8308349	missing working directory option for launcher when invoked from shortcuts
JDK-8309399	JVMTI spec needs to clarify when OPAQUE_FRAME is thrown for reasons other than a native method
JDK-8309400	JDI spec needs to clarify when OpaqueFrameException and NativeMethodException are thrown

Issue ID	Summary
JDK-8310831	Some methods are missing from CDS regenerated JLI holder class
JDK-8311131	ConcurrentHashMap.forEachKey parallelismThreshold description could be clearer
JDK-8313395	LotsUnloadTest.java fails with OOME transiently with libgraal
JDK-8313770	jdk/internal/platform/docker/TestSystemMetrics.java fails on Ubuntu
JDK-8314180	Disable XPath in XML Signatures
JDK-8314488	Compiling the JDK with C++17
JDK-8314731	Add support for the alt attribute in the image type input HTML tag
JDK-8315066	Add unsigned bounds and known bits to TypeInt/Long
JDK-8315131	Clarify VarHandle set/get access on 32-bit platforms
JDK-8316274	javax/swing/ButtonGroup/TestButtonGroupFocusTraversal.java fails in Ubuntu 23.10 with Motif LAF
JDK-8316694	Implement relocation of nmethod within CodeCache
JDK-8317269	Store old classes in linked state in AOT cache

Issue ID	Summary
JDK-8317801	java/net/Socket/asyncClose/Race.java fails intermittently (aix)
JDK-8317838	java/nio/channels/Channels/SocketChannelStreams.java running into timeout (aix)
JDK-8318662	Refactor some jdk/java/net/httpclient/http2 tests to JUnit
JDK-8319158	Parallel: Make TestObjectTenuringFlags use createTestJavaProcessBuilder
JDK-8319242	HotSpot Style Guide should discourage non-local variables with non-trivial initialization or destruction
JDK-8319540	GC: Make TestSelectDefaultGC use createTestJavaProcessBuilder
JDK-8320677	Printer tests use invalid '@run main/manual=yesno
JDK-8320836	jtreg gtest runs should limit heap size
JDK-8321139	jlink's compression plugin doesn't handle -c option correctly
JDK-8321303	Intermittent open/test/jdk/java/awt/KeyboardFocusmanager/ConsumeNextMnemonicKeyTypedTest/ConsumeNextMnemonicKeyTypedTest.java failure on Linux

Issue ID	Summary
JDK-8321687	Test vmTestbase/nsk/jvmti/scenarios/contention/TC03/tc03t002/TestDescription.java failed: JVMTI_ERROR_THREAD_NOT_ALIVE
JDK-8322174	RISC-V: C2 VectorizedHashCode RVV Version
JDK-8324751	C2 SuperWord: Aliasing Analysis runtime check
JDK-8325448	Hybrid Public Key Encryption
JDK-8325467	Support methods with many arguments in C2
JDK-8325478	Restructure the macro expansion compiler phase to not include macro elimination
JDK-8325482	Test that distinct seeds produce distinct traces for compiler stress flags
JDK-8325766	Extend CertificateBuilder to create trust and end entity certificates programmatically
JDK-8326498	java.net.http.HttpClient connection leak using http/2
JDK-8326609	New AES implementation with updates specified in FIPS 197
JDK-8327963	C2: fix construction of memory graph around Initialize node to prevent incorrect execution if allocation is removed
JDK-8328848	Inaccuracy in the documentation of the -group option

Issue ID	Summary
JDK-8328874	Class::forName0 should validate the class name length early
JDK-8329077	C2 SuperWord: Add MoveD2L, MoveL2D, MoveF2I, MoveI2F
JDK-8329829	HttpClient: Add a BodyPublishers.ofFileChannel method
JDK-8330341	Wrap call to MT in ExecuteWithLog
JDK-8330940	Impossible to create a socket backlog greater than 200 on Windows 8+
JDK-8331195	Improve com.sun.net.httpserver.HttpExchange usability
JDK-8332271	Reading data from the clipboard from multiple threads crashes the JVM
JDK-8332623	Remove setTTL()/getTTL() methods from DatagramSocketImpl/MulticastSocket and MulticastSocket.send(DatagramPacket, byte)
JDK-8332872	SetupExecute should cd to temp directory
JDK-8333172	Document a recommendation to use VarHandles instead of java.util.concurrent.atomic.*FieldUpdater
JDK-8333526	Restructure java/nio/channels/DatagramChannel/StressNativeSignal.java to a fail fast exception handling policy

Issue ID	Summary
JDK-8333727	Use JOpt in jpackage to parse command line
JDK-8333783	java/nio/channels/FileChannel/directio/DirectIO Test.java is unstable with AV software
JDK-8333857	Test sun/security/ssl/SSLSessionImpl/ResumeCheck sServer.java failed: Existing session was used
JDK-8333871	Check return values of sysinfo
JDK-8334015	Add Support for UUID Version 7 (UUIDv7) defined in RFC 9562
JDK-8334238	Enhance AddLShortcutTest jpackage test
JDK-8334247	[PPC64] Consider trap based nmethod entry barriers
JDK-8334866	Improve Speed of ElfDecoder source search
JDK-8334898	Resolve static field/method references at CDS dump time
JDK-8334928	Test sun/security/ssl/SSLSocketImpl/ReuseAddr.java failed: java.net.BindException: Address already in use
JDK-8335646	Nimbus : JLabel not painted with LAF defined foreground color on Ubuntu 24.04

Issue ID	Summary
JDK-8335986	Test javax/swing/JCheckBox/4449413/bug4449413. java fails on Windows 11 x64 because RBMenulitem's and CBMenulitem's checkmark on the left side are not visible
JDK-8336147	Clarify CDS documentation about static vs dynamic archive
JDK-8336695	Update Commons BCEL to Version 6.10.0
JDK-8337142	StackOverflowError in Types.containsTypeRecursive with deeply nested type hierarchy
JDK-8337217	Port VirtualMemoryTracker to use VMATree
JDK-8337791	VectorAPI jtreg ABSMaskedByteMaxVectorTests crashes with UseAVX=0 -XX:MaxVectorSize=8
JDK-8338140	(str) Add notes to String.trim and String.isEmpty pointing to newer APIs
JDK-8338197	[ubsan] ad_x86.hpp:6417:11: runtime error: shift exponent 100 is too large for 32-bit type 'unsigned int'
JDK-8338282	javax/swing/JMenuBar/TestMenuMnemonicLin uxAndMac.java test failed on macOS and Ubuntu
JDK-8338474	Parallel: Deprecate and obsolete PChunkLargeArrays

Issue ID	Summary
JDK-8338977	Parallel: Improve heap resizing heuristics
JDK-8339526	C2: store incorrectly removed for clone() transformed to series of loads/stores
JDK-8339791	Refactor MiscUndecorated/ActiveAWTWindowTest.java
JDK-8340093	C2 SuperWord: implement cost model
JDK-8340182	Java HttpClient does not follow default retry limit of 3 retries
JDK-8340312	sun.security.ssl.SSLLogger uses incorrect log level ALL for finest log events
JDK-8340840	jshell ClassFormatError when making inner class static
JDK-8341039	compiler/cha/TypeProfileFinalMethod.java fails with assertEquals expected: 0 but was: 2
JDK-8341342	Elements.getAllModuleElements() does not work properly before JavacTask.analyze()
JDK-8341381	Random lines appear in graphic causing by the fix of JDK-8297230
JDK-8341496	Improve JMX connections
JDK-8341735	Rewrite the build/AbsPathsInImage.java test to not load the entire file at once

Issue ID	Summary
JDK-8341778	Some javac tests ignore the result of JavacTask::call
JDK-8342175	MemoryEaterMT fails intermittently with ExceptionInInitializerError
JDK-8342382	Implement JEP 522: G1 GC: Improve Throughput by Reducing Synchronization
JDK-8342401	[TESTBUG] javax/swing/JSpinner/8223788/JSpinnerButton FocusTest.java test fails in ubuntu 22.04 on SBR Hosts
JDK-8342639	Global operator new in adlc has wrong exception spec
JDK-8342640	GenShen: Silently ignoring ShenandoahGCHeuristics considered poor user-experience
JDK-8342659	Test vmTestbase/nsk/jdi/ObjectReference/referringObjects/referringObjects002/referringObjects002.java failed: Class nsk.share.jdi.TestClass1 was not unloaded
JDK-8342682	Errors related to unused code on Windows after 8339120 in dt_shmem jdwp security and jpackage
JDK-8342692	C2: long counted loop/long range checks: don't create loop-nest for short running loops
JDK-8342705	Add dark mode for docs

Issue ID	Summary
JDK-8342730	Get rid of SummaryDiff in VMATree
JDK-8342772	Assert in LateInlineMHCGenerator::do_late_inline_check
JDK-8342868	Errors related to unused code on Windows after 8339120 in core libs
JDK-8342941	IGV: Add various new graph dumps during loop opts
JDK-8343218	Add option to disable allocating interface and abstract classes in non-class metaspace
JDK-8343220	Add test cases to AppContentTest jpackage test
JDK-8343221	IOUtils.copyRecursive() doesn't create parent directories
JDK-8343232	PKCS#12 KeyStore support for RFC 9879: Use of Password-Based Message Authentication Code 1 (PBMAC1)
JDK-8343316	Review and update tests using explicit provider names
JDK-8343340	Swapping checking do not work for MetricsMemoryTester failcount
JDK-8343395	SSLLogger doesn't work for formatted messages

Issue ID	Summary
JDK-8343546	GHA: Cache required dependencies in master-branch workflow
JDK-8344030	Improved handling of TOOLCHAIN_PATH
JDK-8344073	Test runtime/cds/appcds/TestParallelGCWithCDS.java#id0 failed
JDK-8344165	Trace exceptions with a complete call-stack
JDK-8344332	(bf) Migrate DirectByteBuffer away from jdk.internal.ref.Cleaner
JDK-8344333	Spurious System.err.flush() in LWCToolkit.java
JDK-8344548	Incorrect StartAggressiveSweepingAt doc for segmented code cache
JDK-8344556	[Graal] compiler/intrinsics/bmi/* fail when AOTCache cannot be loaded
JDK-8344918	Unused private variables in SwingUtilities.java
JDK-8345067	C2: enable implicit null checks for ZGC reads
JDK-8345414	Google CAInterop test failures
JDK-8345625	Better HTTP connections
JDK-8345810	Custom launchers must be linked with pthread to avoid dynamic linker issues
JDK-8345836	Stable annotation documentation is incomplete

Issue ID	Summary
JDK-8346005	Parallel: Incorrect page size calculation with UseLargePages
JDK-8346237	Obsolete the UseOprofile flag
JDK-8346657	Improve out of bounds exception messages for MemorySegments
JDK-8346719	Add relaunchers to the static JDK image for missing executables
JDK-8346753	Test javax/swing/JMenuItem/RightLeftOrientation/RightLeftOrientation.java fails on Windows Server 2025 x64 because the icons of JMenuItem and JMenuItem are not visible in Nimbus LookAndFeel
JDK-8346839	[TESTBUG] "java/awt/textfield/setechochartest4/setechochartest4.java" failed because the test frame disappears on clicking "Click Several Times" button
JDK-8346884	Add since checker test to jdk.editpad
JDK-8346886	Add since checker test to jdk.management.jfr
JDK-8346914	UB issue in scalbnA
JDK-8346944	Update Unicode Data Files to 17.0.0
JDK-8346947	Update ICU4J to Version 78.1

Issue ID	Summary
JDK-8346952	GetGraphicsStressTest.java fails: Native resources unavailable
JDK-8346962	Test CRLReadTimeout.java fails with -Xcomp on a fastdebug build
JDK-8346982	Remove JMX javadoc duplication that was in place due to JDK-6369229
JDK-8347007	--strip-debug removes parameter names included with -parameters
JDK-8347052	Update java man page documentation to reflect current state of the UseNUMA flag
JDK-8347114	JMXServiceURL should require an explicit protocol
JDK-8347167	Reduce allocation in com.sun.net.httpserver.Headers::normalize
JDK-8347273	C2: VerifyIterativeGVN for Ideal and Identity
JDK-8347277	java/awt/Focus/ComponentLostFocusTest.java fails intermittently
JDK-8347463	jdk/jfr/threading/TestManyVirtualThreads.java crashes with assert(oopDesc::is_oop_or_null(val))
JDK-8347499	C2: Make PhaseIdealLoop eliminate more redundant safepoints in loops
JDK-8347555	[REDO] C2: implement optimization for series of Add of unique value

Issue ID	Summary
JDK-8347707	Standardise the use of <code>os::snprintf</code> and <code>os::snprintf_checked</code>
JDK-8347831	Re-examine version check when cross linking
JDK-8347901	C2 should remove unused leaf / pure runtime calls
JDK-8348278	Trim <code>InitialRAMPercentage</code> to improve startup in default modes
JDK-8348574	Simplify <code>c1/c2_globals</code> inclusions
JDK-8348611	Eliminate <code>DeferredLintHandler</code> and emit warnings after attribution
JDK-8348760	<code>RadioButton</code> is not shown if <code>JRadioButtonMenuItem</code> is rendered with <code>ImageIcon</code> in <code>WindowsLookAndFeel</code>
JDK-8348844	Remove remaining JVMTI tests from <code>ProblemList-Virtual</code> , use <code>requires</code> instead
JDK-8348862	<code>runtime/ErrorHandling/CreateCoredumpOnCrash</code> fails on Windows <code>aarch64</code>
JDK-8348868	<code>AArch64</code> : Add backend support for <code>SelectFromTwoVector</code>
JDK-8348989	Better Glyph drawing
JDK-8349077	Rename <code>GenerationCounters::update_all</code>
JDK-8349111	Enhance Swing supports

Issue ID	Summary
JDK-8349157	Unnecessary Hashtable usage in XKeysym.javaKeycode2KeysymHash
JDK-8349188	LineBorder does not scale correctly
JDK-8349191	Test compiler/ciReplay/TestIncrementalInlining.java failed
JDK-8349192	jvmti/scenarios/contention/TC05/tc05t001 fails: ERROR: tc05t001.cpp, 281: (waitedThreadCpuTime - waitThreadCpuTime) < (EXPECTED_ACCURACY * 1000000)
JDK-8349288	runtime/os/windows/TestAvailableProcessors.java fails on localized Windows platform
JDK-8349535	Refactor ./pkcs11/Provider/MultipleLogins.sh to java test
JDK-8349550	Improve SASL random usage
JDK-8349551	Failures in tests after JDK-8345625
JDK-8349584	Improve compiler processing
JDK-8349594	Enhance TLS protocol support
JDK-8349732	Add support for JARs signed with ML-DSA
JDK-8349835	C2: Simplify IGV property printing
JDK-8349847	Support configuring individual lint categories as errors

Issue ID	Summary
JDK-8349910	Implement JEP 517: HTTP/3 for the HTTP Client API
JDK-8349914	ZipFile::entries and ZipFile::getInputStream not consistent with each other when there are duplicate entries
JDK-8349946	Cipher javadoc could describe AEAD reuse better
JDK-8350050	Shenandoah: Disable and purge allocation pacing support
JDK-8350177	C2 SuperWord: Integer.numberOfLeadingZeros, numberOfTrailingZeros, reverse and bitCount have input types wrongly truncated for byte and short
JDK-8350212	Track source end positions of declarations that support @SuppressWarnings
JDK-8350468	x86: Improve implementation of vectorized numberOfLeadingZeros for int and long
JDK-8350514	Refactor MandatoryWarningHandler to support dynamic verbosity
JDK-8350550	Preload classes from AOT cache during VM bootstrap
JDK-8350621	Code cache stops scheduling GC
JDK-8350896	Integer/Long.compress gets wrong type from CompressBitsNode::Value

Issue ID	Summary
JDK-8350920	Allow inherited member summaries to be viewed inline
JDK-8350938	ResourceParsingClassHierarchyResolver inflates all Utf8 CP entries
JDK-8350991	Improve HTTP client header handling
JDK-8351010	Test java/io/File/GetXSpace.java failed: / usable space 56380809216 > free space 14912244940
JDK-8351016	RA support for EVEX to REX/REX2 demotion to optimize NDD instructions
JDK-8351073	[macos] jpackage produces invalid Java runtime DMG bundles
JDK-8351095	[macos] Add more jpackage tests for --mac -app-store option
JDK-8351149	Remove dead IA32/X32/!AMD64 code blocks after 32-bit x86 removal
JDK-8351159	Remaining cleanups in cpu/x86 after 32-bit x86 removal
JDK-8351194	Clean up Hotspot SA after 32-bit x86 removal
JDK-8351260	java.lang.AssertionError: Unexpected type tree: (ERROR) = (ERROR)
JDK-8351334	[ubsan] memoryReserver.cpp:552:60: runtime error: applying non-zero offset 1073741824 to null pointer

Issue ID	Summary
JDK-8351354	Enhance java -XshowSettings:security:tls to show enabled TLS groups
JDK-8351413	Remove XML interchange in java.management/javax/management/modelmbean/DescriptorSupport
JDK-8351487	[ubsan] jvmti.h runtime error: load of value which is not a valid value
JDK-8351595	JVM_FindClassFromCaller: unused var may be removed
JDK-8351645	C2: Assertion failures in Expand/CompressBits idealizations with TOP
JDK-8351661	NMT: VMATree should support separate call-stacks for reserve and commit operations
JDK-8351842	Windows specific issues in combination of JEP 493 and --with-external-symbols-in -bundles=public
JDK-8351889	C2 crash: assertion failed: Base pointers must match (addp 344)
JDK-8351983	HttpCookie Parser Incorrectly Handles Cookies with Expires Attribute
JDK-8352016	Improve java/lang/RuntimeTests/RuntimeExitLogTest.java
JDK-8352067	Remove the NMT treap and replace its uses with the utilities red-black tree

Issue ID	Summary
JDK-8352069	Renamings after JEP 522: G1 GC: Improve Throughput by Reducing Synchronization
JDK-8352075	Perf regression accessing fields
JDK-8352149	Test java/awt/Frame/MultiScreenTest.java fails: Window list is empty
JDK-8352502	Response message is null if expect 100 assertion fails with non 100
JDK-8352565	Add native method implementation of Reference.get()
JDK-8352635	Improve inferencing of Float16 operations with constant inputs
JDK-8352637	Enhance bytecode verification
JDK-8352654	[REDO] nsk/jvmti/ tests should fail when nsk_jvmti_setFailStatus() is called
JDK-8352728	InternalError loading java.security due to Windows parent folder permissions
JDK-8352969	G1: Improve testability of optional collections
JDK-8353155	FutureTask#run(): doc implies synchronous, implementation is async
JDK-8353276	C2: simplify PhaseMacroExpand::opt_bits_test
JDK-8353444	NMT: rename 'category' to 'MemTag' in malloc tracker

Issue ID	Summary
JDK-8353468	[ubsan] arguments.cpp:2422:23: runtime error: 2.14748e+11 is outside the range of representable values of type 'int'
JDK-8353738	Update TLS unit tests to not use certificates with MD5 signatures
JDK-8353749	Improve security warning when using JKS or JCEKS keystores
JDK-8353755	Add a helper method to Util - findComponent()
JDK-8353758	Missing calls to Log.useSource() in JavacTrees
JDK-8353815	[ubsan] compilationPolicy.cpp: division by zero related to tiered compilation flags
JDK-8353835	Implement JEP 500: Prepare to Make Final Mean Final
JDK-8353925	Remove Sun Microsystems JCE Code Signing Root CA
JDK-8353950	Clipboard interaction on Windows is unstable
JDK-8354196	C2: reorder and capitalize phase definition
JDK-8354242	VectorAPI: combine vector not operation with compare
JDK-8354244	Use random data in MinMaxRed_Long data arrays
JDK-8354282	C2: more crashes in compiled code because of dependency on removed range check CastIIs

Issue ID	Summary
JDK-8354348	Enable Extended EVEX to REX2/REX demotion for commutative operations with same dst and src2
JDK-8354383	C2: enable sinking of Type nodes out of loop
JDK-8354415	[Ubuntu25.04] api/java_awt/GraphicsDevice/indexTGF.html#SetDisplayMode - setDisplayMode_REFRESH_RATE_UNKNOWN fails: Height is different on vnc
JDK-8354447	Missing test for retroactive @SuppressWarnings("dangling-doc-comments") behavior
JDK-8354469	Keytool exposes the password in plain text when command is piped using grep
JDK-8354490	Pattern.CANON_EQ causes a pattern to not match a string with a UNICODE variation
JDK-8354548	Update CLDR to Version 48.0
JDK-8354646	java.awt.TextField allows to identify the spaces in a password when double clicked at the starting and end of the text
JDK-8354650	[PPC64] Try to reduce register definitions
JDK-8354727	CompilationPolicy creates too many compiler threads when code cache space is scarce
JDK-8354871	Replace stack map frame type magics with constants

Issue ID	Summary
JDK-8354872	Clarify java.lang.Process resource cleanup
JDK-8354894	java/lang/Thread/virtual/Starvation.java timeout on server with high CPUs
JDK-8354937	Cleanup some sparac related coding in os_linux
JDK-8355177	Speed up StringBuilder::append(char[]) via Unsafe::copyMemory
JDK-8355225	Test gtest/AsyncLogGtest.java failed at droppingMessage_vm: apparent log corruption
JDK-8355276	Sort C2 includes
JDK-8355319	Update Manpage for Compact Object Headers (Production)
JDK-8355339	Test java/io/File/GetCanonicalPath.java failed: The specified network name is no longer available
JDK-8355342	File.getCanonicalPath on Java 24 resolves paths on network drives to UNC format
JDK-8355354	C2 crashed: assert(_callee == nullptr _callee == m) failed: repeated inline attempt with different callee
JDK-8355379	Annotate lazy fields in java.security @Stable
JDK-8355478	DoubleActionESC.java fails intermittently
JDK-8355556	JVM crash because archived method handle intrinsics are not restored

Issue ID	Summary
JDK-8355563	VectorAPI: Refactor current implementation of subword gather load API
JDK-8355574	Fatal error in abort_verify_int_in_range due to Invalid CastII
JDK-8355631	The events might be generated after VM_DEATH event
JDK-8355726	LinkedBlockingDeque fixes and improvements
JDK-8355746	Start of release updates for JDK 26
JDK-8355748	Add SourceVersion.RELEASE_26
JDK-8355751	Add source 26 and target 26 to javac
JDK-8355752	Bump minimum boot jdk to JDK 25
JDK-8355792	Remove expired flags in JDK 26
JDK-8355884	[macos] java/awt/Frame/I18NTitle.java fails on MacOS
JDK-8355904	Use variadic macros for J2dTrace
JDK-8355933	Change section title for permanent APIs affected by preview features
JDK-8355960	JvmtiAgentList::Iterator dtor double free with -fno-elide-constructors
JDK-8356022	Migrate descriptor parsing from generics to BytecodeDescriptor

Issue ID	Summary
JDK-8356047	[macos] jpackage produces confusing post- and pre- installation PKG scripts
JDK-8356137	GifImageDecode can produce opaque image when disposal method changes
JDK-8356176	C2 MemorySegment: missing RCE with byteSize() in Loop Exit Check inside the for Expression
JDK-8356202	Cleanup Source code in String Implementation Classes
JDK-8356218	[macos] Document --app-content
JDK-8356289	Shenandoah: Clean up SATB barrier runtime entry points
JDK-8356294	Enhance Path Factories
JDK-8356304	Define "enabled" in ScheduledExecutorService
JDK-8356324	JVM crash (SIGSEGV at ClassListParser::resolve_indy_impl) during -Xshare:dump starting from 21.0.5
JDK-8356411	Comment tree not reporting correct position for label
JDK-8356439	Rename JavaLangAccess::*NoRepl methods
JDK-8356548	Use ClassFile API instead of ASM to transform classes in tests

Issue ID	Summary
JDK-8356556	AArch64: No need for acquire fence in safepoint poll in FFM
JDK-8356557	Update CodeSource::implies API documentation and deprecate java.net.SocketPermission class for removal
JDK-8356574	Test --linux-menu-group option
JDK-8356575	Test order in which jpackage fills app image
JDK-8356578	Test --mac-entitlements
JDK-8356587	Missing object ID X in pool jdk.types.Method
JDK-8356645	Javac should utilize new ZIP file system read-only access mode
JDK-8356708	C2: loop strip mining expansion doesn't take sunk stores into account
JDK-8356751	IGV: clean up redundant field _should_send_method
JDK-8356760	VectorAPI: Optimize VectorMask.fromLong for all-true/all-false cases
JDK-8356761	IGV: dump escape analysis information
JDK-8356779	IGV: dump the index of the SafePointNode containing the current JVMMS during parsing
JDK-8356780	PhaseMacroExpand::_has_locks is unused

Issue ID	Summary
JDK-8356807	Change <code>log_info(cds)</code> to <code>MetaspaceShared::report_loading_error()</code>
JDK-8356813	Improve <code>Mod(II)LNode::Value</code>
JDK-8356865	C2: Unreasonable values for debug flag <code>FastAllocateSizeLimit</code> can lead to left-shift-overflow, which is UB
JDK-8356868	Not all cgroup parameters are made available
JDK-8356897	Update NSS library to 3.111
JDK-8356941	<code>AbstractMethodError</code> in HotSpot Due to Incorrect Handling of Private Method
JDK-8356942	<code>invokeinterface</code> Throws <code>AbstractMethodError</code> Instead of <code>IncompatibleClassChangeError</code>
JDK-8356975	Provide alternative way to generate preview API docs
JDK-8356978	Convert unicode sequences in Java source code to UTF-8
JDK-8356995	Provide default methods <code>min(T, T)</code> and <code>max(T, T)</code> in <code>Comparator</code> interface
JDK-8356997	<code>/etc/krb5.conf</code> parser should not forbid <code>include/includedir</code> directives after sections
JDK-8357034	<code>GifImageDecoder</code> can produce wrong transparent pixels

Issue ID	Summary
JDK-8357053	ZGC: Improved utility for ZPageAge
JDK-8357064	cds/appcds/ArchiveRelocationTest.java failed with missing expected output
JDK-8357079	Fix Windows AArch64 DevKit Creation
JDK-8357086	os::xxx functions returning memory size should return size_t
JDK-8357141	Update to use jtreg 7.5.2
JDK-8357185	Redundant local variables with unconditionally matching primitive patterns
JDK-8357188	Remove the field MemAllocator::Allocation::_overhead_limit_exceeded and the related code
JDK-8357220	Introduce a BSMAAttributeEntry struct
JDK-8357226	Remove unnecessary List.indexOf from RepaintManager.removeInvalidComponent
JDK-8357252	sun/awt/font/TestArabicHebrew.java fails in OEL 9 and 10 x64
JDK-8357277	Update OpenSSL library for interop tests
JDK-8357286	(bf) Remove obsolete instanceof checks in CharBuffer.append
JDK-8357289	Break down the String constructor into smaller methods

Issue ID	Summary
JDK-8357380	java/lang/StringBuilder/RacingSBThreads.java times out with C1
JDK-8357382	runtime/cds/appcads/aotClassLinking/BulkLoaderTest.java#aot fails with Xcomp and C1
JDK-8357390	java/awt/Toolkit/ScreenInsetsTest/ScreenInsetsTest.java Test failing on Ubuntu 24.04 Vm Hosts used by Oracle's internal CI system
JDK-8357396	Refactor nmethod::make_not_entrant to use Enum instead of "const char*"
JDK-8357424	[JVMCI] Avoid incrementing decompilation count for hosted compiled nmethod
JDK-8357470	src/java.base/share/classes/sun/security/util/Debug.java implement the test for args.toLowerCase
JDK-8357472	NPE in Types.containsType for type variable used as a qualifier
JDK-8357473	Compilation spike leaves many CompileTasks in free list
JDK-8357550	GenShen crashes during freeze: assert(!chunk→requires_barriers()) failed
JDK-8357570	[macOS] os::Bsd::available_memory() might return too low values
JDK-8357579	Compilation error: first argument in call to 'memset' is a pointer to non-trivially copyable type

Issue ID	Summary
JDK-8357591	Re-enable CDS test cases for jvmci after JDK-8345826
JDK-8357601	Checked version of JNI Release<type>ArrayElements needs to filter out known wrapped arrays
JDK-8357632	CDS test failures on static JDK
JDK-8357639	DigestEchoClient fails intermittently due to: java.io.IOException: Data received while in pool
JDK-8357653	Inner classes of type parameters emitted as raw types in signatures
JDK-8357682	sun.security.provider.certpath.Builder#getMatchingPolicies always returns null
JDK-8357686	Remove unnecessary Map.get from AWTAutoShutdown.unregisterPeer
JDK-8357688	Remove unnecessary List.get before remove in PopupFactory
JDK-8357689	Refactor JVMCI to enable replay compilation in Graal
JDK-8357691	File blocked.certs contains bad content when boot jdk 25 is used, sun/security/lib/CheckBlockedCerts.java failing
JDK-8357694	RISC-V: Several IR verification tests fail when vlen=128

Issue ID	Summary
JDK-8357708	com.sun.jndi.Ldap.Connection ignores queued LDAP replies if Connection is subsequently closed
JDK-8357726	Improve C2 to recognize counted loops with multiple casts in trip counter
JDK-8357728	Avoid caching synthesized names in synthesized parameters
JDK-8357739	[jittester] disable the hashCode method
JDK-8357782	JVM JIT Causes Static Initialization Order Issue
JDK-8357799	Improve instructions for JFileChooser/HTMLFileName.java
JDK-8357809	Test jdk/jshell/JdiListeningExecutionControlTest.java failed with com.sun.jdi.connect.TransportTimeoutException
JDK-8357816	Add test from JDK-8350576
JDK-8357818	Shenandoah doesn't use shared API for printing heap before/after GC
JDK-8357821	Revert incorrectly named JavaLangAccess::unchecked* methods
JDK-8357822	C2: Multiple string optimization tests are no longer testing string concatenation optimizations

Issue ID	Summary
JDK-8357826	Avoid running some jtreg tests when asan is configured
JDK-8357847	(ch) AsynchronousFileChannel implementations should support FFM Buffers
JDK-8357862	Java argument file is parsed unexpectedly with trailing comment
JDK-8357874	UNLIMITED_CRYPT0 typo in class description of JceSecurity.java.template
JDK-8357880	Code formatting typo in Cipher.getMaxAllowedParameterSpec
JDK-8357913	Add @Stable to BigInteger and BigDecimal
JDK-8357915	SecureRandom nextLong memory usage
JDK-8357951	Remove the IdealLoopTree* loop parameter from PhaseIdealLoop::loop_iv_phi
JDK-8357959	(bf) ByteBuffer.allocateDirect initialization can result in large TTSP spikes
JDK-8357976	GenShen crash in swap_card_tables: Should be clean
JDK-8357979	Compile jdk.internal.vm.ci targeting the Boot JDK version
JDK-8357982	Fix several failing BMI tests with -XX:+UseAPX
JDK-8357993	Use "stdin.encoding" for reading System.in with InputStreamReader/Scanner [hotspot]

Issue ID	Summary
JDK-8357995	Use "stdin.encoding" for reading System.in with InputStreamReader/Scanner [core]
JDK-8358004	Delete applications/scimark/Scimark.java test
JDK-8358048	java/net/httpclient/HttpsTunnelAuthTest.java incorrectly calls Thread::stop
JDK-8358058	sun/java2d/OpenGL/DrawImageBg.java Test fails intermittently
JDK-8358094	Test vmTestbase/nsk/jvmti/AttachOnDemand/attach045/TestDescription.java still times out after JDK-8357282
JDK-8358099	PEM spec updates
JDK-8358129	compiler/startup/StartupOutput.java runs into out of memory on Windows after JDK-8347406
JDK-8358159	Empty mode/padding in cipher transformations
JDK-8358171	Additional code coverage for PEM API
JDK-8358179	Performance regression in Math.cbrt
JDK-8358183	[JVMCI] crash accessing nmethod::jvmci_name in CodeCache::aggregate
JDK-8358294	Remove unnecessary GenAlignment
JDK-8358326	Use oopFactory array allocation

Issue ID	Summary
JDK-8358329	AArch64: emit direct branches in static stubs for small code caches
JDK-8358334	C2/Shenandoah: incorrect execution with Unsafe
JDK-8358340	Support CDS heap archive with Generational Shenandoah
JDK-8358426	Improve lazy computation in Locale
JDK-8358452	JNI exception pending in Java_sun_awt_screencast_ScreencastHelper_remoteDesktopKeyImpl of screencast_pipewire.c:1214 (ID: 51119)
JDK-8358468	Enhance code consistency: java.desktop/macos
JDK-8358483	G1: Remove G1HeapRegionManager::num_available_regions
JDK-8358520	Improve lazy computation in BreakIteratorResourceBundle and related classes
JDK-8358526	Clarify behavior of java.awt.HeadlessException constructed with no-args
JDK-8358529	GenShen: Heuristics do not respond to changes in SoftMaxHeapSize
JDK-8358530	Properties#list should warn against non-String values

Issue ID	Summary
JDK-8358532	JFileChooser in GTK L&F still displays HTML filename
JDK-8358533	Improve performance of java.io.Reader.readAllLines
JDK-8358535	Changes in ClassValue (JDK-8351996) caused a 1-9% regression in Renaissance-PageRank
JDK-8358540	Enhance MathUtils in view of FloatingDecimal enhancements
JDK-8358542	Remove RTM test VMProps
JDK-8358552	EndOfFileException in System.in.read() and IO.readLine() etc. in JShell
JDK-8358556	Assert when running with -XX: -UseLibmIntrinsic
JDK-8358568	Purge obsolete/broken GenerateSynchronizationCode flag
JDK-8358572	C1 hits "need debug information" assert with -XX:-DeoptC1
JDK-8358573	Remove the -XX:-InstallMethods debug flag
JDK-8358577	Test serviceability/jvmti/thread/GetCurrentContende dMonitor/contmon01/contmon01.java failed: unexpexcted monitor object
JDK-8358578	Small -XX:NMethodSizeLimit triggers "not in CodeBuffer memory" assert in C1

Issue ID	Summary
JDK-8358580	Rethink how classes are kept alive in training data
JDK-8358586	ZGC: Combine ZAllocator and ZObjectAllocator
JDK-8358592	Assert in Assembler::ptest due to missing SSE42 support
JDK-8358593	Add ucontext accessors for *BSD on Aarch64
JDK-8358597	[asan] Buffer overflow in ArchiveBuilder::make_shallow_copy with Symbols
JDK-8358598	PhaselterGVN::PhaselterGVN(PhaseGVN* gvn) doesn't use its parameter
JDK-8358600	Template-Framework Library: Template for TestFramework test class
JDK-8358602	JFR: Annotations in jdk.jfr package should not use "not null" in specification
JDK-8358617	java/net/URLConnection/URLConnectionExpectContinueTest.java fails with 403 due to system proxies
JDK-8358618	UnsupportedOperationException constructors javadoc is not clear
JDK-8358619	Fix interval recomputation in CPU Time Profiler
JDK-8358621	Reduce busy waiting in worse case at the synchronization point returning from native in CPU Time Profiler

Issue ID	Summary
JDK-8358623	Avoid unnecessary data copying in ICC_Profile
JDK-8358624	ImmutableDescriptor violates equals/hashCode contract after deserialization
JDK-8358626	Emit UTF-8 CLDR resources
JDK-8358627	tools/sincechecker/modules/java.base/JavaBaseCheckSince.java fails with JDK 26
JDK-8358641	C1 option -XX:+TimeEachLinearScan is broken
JDK-8358645	Access violation in ThreadsSMRSupport::print_info_on during thread dump
JDK-8358653	[s390] Clean up comments regarding frame manager
JDK-8358655	AArch64: Simplify Interpreter::profile_taken_branch
JDK-8358679	[asan] vmTestbase/nsk/jvmti tests show memory issues
JDK-8358680	AOT cache creation fails: no strings should have been added
JDK-8358685	[TEST] AOTLoggingTag.java failed with missing log message
JDK-8358686	CDS and AOT can cause buffer truncation warning even when logging is disabled

Issue ID	Summary
JDK-8358688	HttpClient: Simplify file streaming in RequestPublishers.FilePublisher
JDK-8358690	Some initialization code asks for AOT cache status way too early
JDK-8358694	VM asserts if CodeCacheSegmentSize is not a power of 2
JDK-8358697	TextLayout/MyanmarTextTest.java passes if no Myanmar font is found
JDK-8358701	Remove misleading javax.management.remote API doc wording about JMX spec, and historic link to JMXMP
JDK-8358706	Integer overflow with -XX:MinOopMapAllocation=-1
JDK-8358721	Update JCov for class file version 70
JDK-8358723	jpackage signing issues: the main launcher doesn't have entitlements
JDK-8358729	jdk/internal/loader/URLClassPath/ClassnameCharTest.java depends on Applet
JDK-8358731	Remove jdk.internal.access.JavaAWTAccess.java
JDK-8358734	Remove JavaTimeSupplementary resource bundles
JDK-8358735	GenShen: block_start() may be incorrect after class unloading

Issue ID	Summary
JDK-8358738	AOT cache created without graal jit should not be used with graal jit
JDK-8358748	Large page size initialization fails with assert "page_size must be a power of 2"
JDK-8358749	Fix input checks in Vector API intrinsics
JDK-8358750	JFR: EventInstrumentation MASK_THROTTLE* constants should be computed in longs
JDK-8358751	C2: Recursive inlining check for compiled lambda forms is broken
JDK-8358756	[s390x] Test StartupOutput.java crash due to CodeCache size
JDK-8358764	(sc) SocketChannel.close when thread blocked in read causes connection to be reset (win)
JDK-8358768	[vectorapi] Make VectorOperators.SUADD an Associative
JDK-8358769	Update --release 25 symbol information for JDK 25 build 26
JDK-8358772	Template-Framework Library: Primitive Types
JDK-8358781	C2 fails with assert "bad profile data type" when TypeProfileCasts is disabled
JDK-8358799	Refactor os::jvm_path()
JDK-8358801	javac produces class that does not pass verifier.

Issue ID	Summary
JDK-8358804	Improve the API Note of <code>BigDecimal.valueOf(double)</code>
JDK-8358809	Improve link to <code>stdin.encoding</code> from <code>java.lang.IO</code>
JDK-8358813	<code>JPasswordField</code> identifies spaces in password via delete shortcuts
JDK-8358815	Exception event spec has stale reference to <code>catch_klass</code> parameter
JDK-8358819	The first year is not displayed correctly in Japanese Calendar
JDK-8358821	<code>patch_verified_entry</code> causes problems, use <code>nmethod</code> entry barriers instead
JDK-8358880	Performance of parsing with <code>DecimalFormat</code> can be improved
JDK-8358891	Remove the <code>PerfDataSamplingIntervalFunc</code> code
JDK-8358892	RISC-V: jvm crash when running dacapo sunflow after JDK-8352504
JDK-8358942	<code>HttpClient</code> adds <code>Content-Length: 0</code> for a GET request with a <code>BodyPublishers.noBody()</code>
JDK-8358958	(aio) <code>AsynchronousByteChannel.read/write</code> should throw <code>IAE</code> if buffer is thread-confined
JDK-8358970	<code>CounterMonitorMBean.getDerivedGaugeTimeStamp()</code> <code>JavaDoc</code> incorrectly documents null

Issue ID	Summary
JDK-8359024	Accessibility bugs in API documentation
JDK-8359045	RISC-V: construct test to verify invocation of C2_MacroAssembler::enc_cmove_cmp_fp ⇒ BoolTest::ge/gt
JDK-8359053	Implement JEP 504 - Remove the Applet API
JDK-8359057	AbstractInterpreter::is_not_reached returns incorrectly with invokedynamic
JDK-8359061	Update and ProblemList manual test java/awt/Cursor/CursorDragTest/ListDragCursor.java
JDK-8359064	Expose reason for marking nmethod non-entrant to JVMCI client
JDK-8359067	Fix typo in DelayScheduler.java
JDK-8359083	Test jdkCheckHtml.java should report SkippedException rather than report fails when miss tidy
JDK-8359104	gc/TestAlwaysPreTouchBehavior.java#<gcname> fails on Linux
JDK-8359105	RISC-V: No need for acquire fence in safepoint poll during JNI calls
JDK-8359110	Log accumulated GC and process CPU time upon VM exit
JDK-8359114	[s390x] Add z17 detection code

Issue ID	Summary
JDK-8359119	Change Charset to use StableValue
JDK-8359120	Improve warning message when fail to load hsdisk library
JDK-8359121	C2: Region added by vectorizedMismatch intrinsic can survive as a dead node after IGVN
JDK-8359123	Misleading examples in jmod man page
JDK-8359126	[AIX] new test TestImplicitNullChecks.java fails
JDK-8359127	Amend java/nio/channels/DatagramChannel/PromiscuousIPv6.java to use @requires for OS platform selection
JDK-8359135	New test TestCPUTimeSampleThrottling fails intermittently
JDK-8359145	Implement JEP 530: Primitive Types in Patterns, instanceof, and switch (Fourth Preview)
JDK-8359165	AIX build broken after 8358799
JDK-8359167	Remove unused test/hotspot/jtreg/vmTestbase/nsk/share/jpda/BindServer.java
JDK-8359168	Revert stdin.encoding usage in test/hotspot/jtreg/vmTestbase/nsk/jvmti/AttachOnDemand/attach010/attach010Agent00.java
JDK-8359170	Add 2 TLS and 2 CS Sectigo roots

Issue ID	Summary
JDK-8359174	tools/jlink/JLink20000Packages.java timed out
JDK-8359180	Apply java.io.Serial annotations in java.instrument
JDK-8359181	Error messages generated by configure --help after 8301197
JDK-8359182	Use @requires instead of SkippedException for MaxPath.java
JDK-8359200	Memory corruption in MStack::push
JDK-8359207	Remove runtime/signal/TestSigusr2.java since it is always skipped
JDK-8359218	RISC-V: Only enable CRC32 intrinsic when AvoidUnalignedAccess == false
JDK-8359222	[asan] jvmti/vthread/ToggleNotifyJvmtiTest/ToggleNotifyJvmtiTest triggers stack-buffer-overflow error
JDK-8359223	HttpClient: Remove leftovers from the SecurityManager cleanup
JDK-8359224	G1: Incorrect size unit in logging of G1CollectedHeap::alloc_archive_region
JDK-8359225	Remove unused test/jdk/javax/script/MyContext.java
JDK-8359227	Code cache/heap size options should be size_t

Issue ID	Summary
JDK-8359232	[PPC64] C2: Clean up ppc.ad: add instr sizes, remove comments
JDK-8359235	C1 compilation fails with "assert(is_single_stack() && !is_virtual()) failed: type check"
JDK-8359242	JFR: Missing help text for method trace and timing
JDK-8359248	JFR: Help text for- XX:StartFlightRecording:report-on-exit should explain option can be repeated
JDK-8359256	AArch64: Use SHA3 GPR intrinsic where it's faster
JDK-8359266	Delete the usage of AppContext in the GraphicsDevice
JDK-8359268	3 JNI exception pending defect groups in 2 files
JDK-8359270	C2: alignment check should consider base offset when emitting arraycopy runtime call
JDK-8359272	Several vmTestbase/compact tests timed out on large memory machine
JDK-8359293	Make TestNotNull extensible
JDK-8359327	Incorrect AVX3Threshold results into code buffer overflows on APX targets

Issue ID	Summary
JDK-8359337	XML/JAXP tests that make network connections should ensure that no proxy is selected
JDK-8359344	C2: Malformed control flow after intrinsic bailout
JDK-8359348	G1: Improve cpu usage measurements for heap sizing
JDK-8359364	java/net/URL/EarlyOrDelayedParsing test fails intermittently
JDK-8359366	RunThese30M.java EXCEPTION_ACCESS_VIOLATION in JvmtiBreakpoints::clearall_in_class_at_safepoint
JDK-8359373	Split stubgen initial blob into pre and post-universe blobs
JDK-8359378	aarch64: crash when using -XX:+UseFPUForSpilling
JDK-8359380	Rework deferral profile logic after JDK-8346465
JDK-8359383	Incorrect starting positions for implicitly typed variables
JDK-8359386	Fix incorrect value for max_size of C2CodeStub when APX is used
JDK-8359388	Stricter checking for cipher transformations

Issue ID	Summary
JDK-8359391	Remove ThreadGroup sandboxing from javax.imageio
JDK-8359394	GC cause cleanup
JDK-8359395	XML signature generation does not support user provided SecureRandom
JDK-8359402	Test CloseDescriptors.java should throw SkippedException when there is no lsof/sctp
JDK-8359412	Template-Framework Library: Operations and Expressions
JDK-8359418	Test "javax/swing/text/GlyphView/bug4188841.java" failed because the phrase of text pane does not match the instructions
JDK-8359419	AArch64: Relax min vector length to 32-bit for short vectors
JDK-8359423	Improve error message in case of missing jsa shared archive
JDK-8359428	Test 'javax/swing/JTabbedPane/bug4499556.java' failed because after selecting one of L&F items, the test case automatically failed when clicking on L&F Menu button again
JDK-8359435	AArch64: add support for SB instruction to MacroAssembler::spin_wait
JDK-8359436	AOTCompileEagerly should not be diagnostic

Issue ID	Summary
JDK-8359437	Make users and test suite not able to set LockingMode flag
JDK-8359449	[TEST] open/test/jdk/java/io/File/SymLinks.java Refactor extract method for Windows specific test
JDK-8359454	Enhance String handling
JDK-8359472	JVM crashes when attaching a dynamic agent before JVMTI_PHASE_LIVE
JDK-8359477	com/sun/net/httpserver/Test12.java appears to have a temp file race
JDK-8359493	Refactor how aggregated mandatory warnings are handled in the compiler
JDK-8359497	IllegalArgumentException thrown by SourceCodeAnalysisImpl.highlights()
JDK-8359501	Enhance Handling of URIs
JDK-8359593	JFR: Instrumentation of java.lang.String corrupts recording
JDK-8359596	Behavior change when both -Xlint:options and -Xlint:-options flags are given
JDK-8359602	Ideal optimizations depending on input type are missed because of missing notification mechanism from CCP

Issue ID	Summary
JDK-8359603	Missed optimization in PhaselterGVN for redundant ConvX2Y→ConvY2X→ConvX2Y sequences due to missing notification in PhaselterGVN::add_users_of_use_to_worklist
JDK-8359646	C1 crash in AOTCodeAddressTable::add_C_string
JDK-8359664	G1: Remove default arg for pretouch_workers of G1CollectedHeap::expand
JDK-8359678	C2: assert(static_cast<T1>(result) == thing) caused by ReverseBytesNode::Value()
JDK-8359683	ZGC: NUMA-Aware Relocation
JDK-8359687	Use PassFailJFrame for java/awt/print/Dialog/DialogType.java
JDK-8359690	New test TestCPUTimeSampleThrottling still fails intermittently
JDK-8359701	G1: Move heap expansion time tracking of G1CollectedHeap:expand to call site
JDK-8359707	Add classfile modification code to RedefineClassHelper
JDK-8359709	java.net.HttpURLConnection sends unexpected "Host" request header in some cases after JDK-8344190
JDK-8359732	Make standard i/o encoding related system properties StaticProperty

Issue ID	Summary
JDK-8359733	UnProblemList serviceability/jvmti/vthread/SuspendWithInterruptLock
JDK-8359735	[Ubuntu 25.10] java/lang/ProcessBuilder/Basic.java, java/lang/ProcessHandle/InfoTest.java fail due to rust-coreutils
JDK-8359756	Bug in RuntimePackageTest.testName test
JDK-8359760	Remove the jdk.jsobject module
JDK-8359761	JDK 25 RDP1 L10n resource files update
JDK-8359788	Internal Error: assert(get_instanceClass() →is_loaded()) failed: must be at least loaded
JDK-8359801	RISC-V: Simplify Interpreter::profile_taken_branch
JDK-8359808	JavaRuntimeURLConnection should only connect to non-directory resources
JDK-8359809	AttributeList, RoleList and UnresolvedRoleList should never accept other types of Object
JDK-8359820	Improve handshake/safepoint timeout diagnostic messages
JDK-8359825	Parallel: Simplify MutableNUMASpace::ensure_parsability
JDK-8359827	Test runtime/Thread/ThreadCountLimit.java need loop increasing the limit

Issue ID	Summary
JDK-8359830	Incorrect os.version reported on macOS Tahoe 26 (Beta)
JDK-8359868	Shenandoah: Free threshold heuristic does not use SoftMaxHeapSize
JDK-8359870	JVM crashes in AccessInternal::PostRuntimeDispatch
JDK-8359889	java/awt/MenuItem/SetLabelTest.java inadvertently triggers clicks on items pinned to the taskbar
JDK-8359895	JFR: method-timing view doesn't work
JDK-8359919	Minor java.util.concurrent doc improvements
JDK-8359920	Use names for frame types in stackmaps
JDK-8359923	Const accessors for the Deferred class
JDK-8359924	Deprecate and obsolete ParallelRefProcEnabled
JDK-8359947	GenShen: use smaller TLABs by default
JDK-8359955	Regressions ~7% in several J2DBench in 25-b26
JDK-8359956	Support algorithm constraints and certificate checks in SunX509 key manager
JDK-8359958	Cleanup "local" debuggee references after JDK-8333117 removed support for non-local debuggees

Issue ID	Summary
JDK-8359959	Test runtime/NMT/VirtualAllocTestType.java failed: '\\[0x[0]*7f7dc4043000 - 0x[0]*7f7dc4083000\\) reserved 256KB for Test' missing from stdout/stderr
JDK-8359965	Enable paired pushp and popp instruction usage for APX enabled CPUs
JDK-8359972	Problem list TestStaticCallStub until JDK-8359963 is fixed
JDK-8359978	Test javax/net/ssl/SSLSocket/Tls13PacketSize.java failed again with java.net.SocketException: An established connection was aborted by the software in your host machine
JDK-8359996	Remove unnecessary List.indexOf key from Track.remove
JDK-8360022	ClassRefDuplnConstantPoolTest.java fails when running in repeat
JDK-8360024	Reorganize GC VM operations and implement is_gc_operation
JDK-8360028	(fs) Path.relative throws StringIndexOutOfBoundsException (win)
JDK-8360031	C2 compilation asserts in MemBarNode::remove
JDK-8360037	Refactor ImageReader in preparation for Valhalla support

Issue ID	Summary
JDK-8360039	JFR: Improve parser logging of constants
JDK-8360042	GHA: Bump MSVC to 14.44
JDK-8360045	StringTokenizer.hasMoreTokens() throws NPE after nextToken(null)
JDK-8360046	Scalability issue when submitting virtual threads with almost empty tasks
JDK-8360048	NMT crash in gtest/NMTGtests.java: fatal error: NMT corruption: Block at 0x0000017748307120: header canary broken
JDK-8360049	CodeInvalidationReasonTest.java fails with ZGC on AArch64
JDK-8360069	Problem list CodeInvalidationReasonTest.java until JDK-8360049 is fixed
JDK-8360090	[TEST] RISC-V: disable some cds tests on qemu
JDK-8360116	Add support for AVX10 floating point minmax instruction
JDK-8360120	Bundled macOS applications not receiving OpenURL events when launched as subprocess
JDK-8360122	Fix java.sql.Connection.java indentation
JDK-8360131	Remove use of soon-to-be-removed APIs by CTW framework

Issue ID	Summary
JDK-8360143	ProblemList runtime/NMT/VirtualAllocTestType.java
JDK-8360147	Better Glyph drawing redux
JDK-8360163	Replace hard-coded checks with AOTRuntimeSetup and AOTSafeClassInitializer
JDK-8360164	AOT cache creation crashes in ~ThreadTotalCPUTimeClosure()
JDK-8360169	Problem list CodeInvalidationReasonTest.java on linux-riscv64 until JDK-8360168 is fixed
JDK-8360175	C2 crash: assert(edge_from_to(prior_use,n)) failed: before block local scheduling
JDK-8360177	ParallelArguments::initialize has incorrect format string
JDK-8360178	TestArguments.atojulong gtest has incorrect format string
JDK-8360179	RISC-V: Only enable BigInteger intrinsics when AvoidUnalignedAccess == false
JDK-8360201	JFR: Initialize JfrThreadLocal::_sampling_critical_section
JDK-8360206	Refactor ReferenceProcessor::balance_queues
JDK-8360219	[AIX] assert(locals_base >= l2) failed: bad placement

Issue ID	Summary
JDK-8360220	Deprecate and obsolete ParallelRefProcBalancingEnabled
JDK-8360255	runtime/jni/checked/TestLargeUTF8Length.java fails with -XX:-CompactStrings
JDK-8360271	String.indexOf intrinsics fail with +EnableX86ECOREOPTS and -CompactStrings
JDK-8360281	VMError::error_string has incorrect format usage
JDK-8360287	JFR: PlatformTracer class should be loaded lazily
JDK-8360288	Shenandoah crash at size_given_klass in op_degenerated
JDK-8360302	Update --release 25 symbol information for JDK 25 build 29
JDK-8360303	Remove two unused invoke files
JDK-8360304	Redundant condition in LibraryCallKit::inline_vector_nary_operation
JDK-8360307	Problemlist tools/sincechecker/modules/jdk.management.jfr/JdkManagementJfrCheckSince.java
JDK-8360312	Serviceability Agent tests fail with JFR enabled due to unknown thread type JfrRecorderThread
JDK-8360324	Parallel: Remove unused local variable in MutableNUMASpace::set_top

Issue ID	Summary
JDK-8360373	src/java.base/share/classes/sun/security/util/Debug.java implement negative testing
JDK-8360389	Support printing from C2 compiled code
JDK-8360395	sun/security/tools/keytool/i18n.java user country is current user location instead of the language
JDK-8360401	[AIX] java/lang/ProcessBuilder/FDLeakTest/FDLeakTest.java fails since JDK-8210549
JDK-8360403	Disable constant pool ID assert during troubleshooting
JDK-8360405	[PPC64] some environments don't support mfdscr instruction
JDK-8360408	[TEST] Use @requires tag instead of exiting based on "os.name" property value for sun/net/www/protocol/file/FileURLTest.java
JDK-8360411	[TEST] open/test/jdk/java/io/File/MaxPathLength.java Refactor extract method to encapsulate Windows specific test logic
JDK-8360416	Incorrect l10n test case in sun/security/tools/keytool/i18n.java
JDK-8360458	Rename Deferred<> to DeferredStatic<> and improve usage description

Issue ID	Summary
JDK-8360459	UNICODE_CASE and character class with non-ASCII range does not match ASCII char
JDK-8360462	[macosx] row selection not working with Ctrl+Shift+Down/Up in AquaL&F
JDK-8360463	Ambiguity in Cipher.getInstance() specification between NoSuchAlgorithmException and NoSuchPaddingException
JDK-8360474	Add missing include guards for some HotSpot headers
JDK-8360478	libjsig related tier3 jtreg tests fail when asan is configured
JDK-8360487	Remove unnecessary List.indexOf key from AbstractMidiDevice.TransmitterList.remove
JDK-8360507	JPKG002-006: SigningPackageTest: appOutput.txt cannot be found in user home directory and output doesn't contain: origin=Developer ID Application: jpackage.openjdk.java.net
JDK-8360510	C2: Template Assertion Predicates are not cloned to the inner counted loop with -XX:+StressDuplicateBackedge
JDK-8360515	PROPERFMTARGS should always use size_t template specialization for unit
JDK-8360518	Docker tests do not work when asan is configured

Issue ID	Summary
JDK-8360520	RISC-V: C1: Fix primitive array clone intrinsic regression after JDK-8333154
JDK-8360522	G1: Flag constraint functions for G1SATBBufferSize and G1UpdateBufferSize are skipped during argument validation
JDK-8360523	Parallel: Remove unused local variable in MutableNUMASpace::initialize
JDK-8360533	ContainerRuntimeVersionTestUtils fromVersionString fails with some docker versions
JDK-8360539	DTLS handshakes fails due to improper cookie validation logic
JDK-8360540	nmethod entry barriers of new nmethods should be disarmed
JDK-8360548	Parallel: Remove outdated comments in MutableNUMASpace::bias_region
JDK-8360554	Use the title from the JSON RFC for the @spec tag
JDK-8360555	Archive all unnamed modules in CDS full module graph
JDK-8360558	Use hex literals instead of decimal literals in math intrinsic constants
JDK-8360559	Optimize Math.sinh for x86 64 bit platforms

Issue ID	Summary
JDK-8360561	PhaseldealLoop::create_new_if_for_predicate hits "must be a uct if pattern" assert
JDK-8360562	sun/security/tools/keytool/i18n.java add an ability to add comment for failures
JDK-8360564	Implement JEP 524: PEM Encodings of Cryptographic Objects (Second Preview)
JDK-8360571	Description of launchers is lost in two phase packaging
JDK-8360599	[TESTBUG] DumpThreadsWithEliminatedLock.java fails because of unstable inlining
JDK-8360641	TestCompilerCounts fails after 8354727
JDK-8360647	[XWayland] [OL10] NumPad keys are not triggered
JDK-8360664	Null pointer dereference in src/hotspot/share/prims/jvmtiTagMap.cpp in IterateOverHeapObjectClosure::do_object()
JDK-8360679	Shenandoah: AOT saved adapter calls into broken GC barrier stub
JDK-8360701	Add bailout when the register allocator interference graph grows unreasonably large
JDK-8360702	runtime/Thread/AsyncExceptionTest.java timed out
JDK-8360707	Globally enumerate all blobs, stubs and entries

Issue ID	Summary
JDK-8360743	Enables regeneration of JLI holder classes for CDS static dump
JDK-8360775	Fix Shenandoah GC test failures when APX is enabled
JDK-8360776	Disable Intel APX by default and enable it with -XX:+UnlockExperimentalVMOptions -XX:+UseAPX in all builds
JDK-8360783	CTW: Skip deoptimization between tiers
JDK-8360790	G1: Improve HRRSStatsIter name
JDK-8360791	[ubsan] Adjust signal handling
JDK-8360817	[ubsan] zDirector select_worker_threads - outside the range of representable values issue
JDK-8360867	CTW: Disable inline cache verification
JDK-8360882	Tests throw SkippedException when they should fail
JDK-8360884	Better scoped values
JDK-8360887	(fs) Files.getFileAttributeView returns unusable FileAttributeView if UserDefinedFileAttributeView unavailable (aix)
JDK-8360936	Test compiler/onSpinWait/TestOnSpinWaitAArch64.java fails after JDK-8359435
JDK-8360937	Enhance certificate handling

Issue ID	Summary
JDK-8360941	[ubsan] MemRegion::end() shows runtime error: applying non-zero offset 8388608 to null pointer
JDK-8360942	[ubsan] aotCache tests trigger runtime error: applying non-zero offset 16 to null pointer in CodeBlob::relocation_end()
JDK-8360979	Remove use of Thread.stop in krb5/auto/KDC.java
JDK-8360981	Remove use of Thread.stop in test/jdk/java/net/Socket/DeadlockTest.java
JDK-8361032	Problem list TestOnSpinWaitAArch64 until JDK-8360936 is fixed
JDK-8361037	[ubsan] compiler/c2/irTests/TestFloat16ScalarOperations division by 0
JDK-8361040	compiler/codegen/TestRedundantLea.java#StringInflate fails with failed IR rules
JDK-8361043	[ubsan] os::print_hex_dump runtime error: applying non-zero offset 8 to null pointer
JDK-8361055	Serial: Inline SerialHeap::process_roots
JDK-8361056	Parallel: Use correct is_par argument in ScavengeRootsTask
JDK-8361060	Keep track of the origin server against which a jdk.internal.net.http.HttpConnection was constructed

Issue ID	Summary
JDK-8361067	Test ExtraButtonDrag.java requires frame.dispose in finally block
JDK-8361076	Add benchmark for ImageReader in preparation for Valhalla changes
JDK-8361085	MemoryReserver log_on_large_pages_failure has incorrect format usage
JDK-8361086	JVMCIGlobals::check_jvmci_flags_are_consistent has incorrect format string
JDK-8361092	Remove trailing spaces in x86 ad files
JDK-8361101	AOTCodeAddressTable::_stubs_addr not initialized/freed properly
JDK-8361102	java.lang.classfile.CodeBuilder.branch(Opcodes op, Label target) doesn't throw IllegalArgumentException - if op is not of Opcode.Kind.BRANCH
JDK-8361103	java_lang_Thread::async_get_stack_trace does not properly protect JavaThread
JDK-8361106	[TEST] com/sun/net/httpserver/Test9.java fails with java.nio.file.FileSystemException
JDK-8361112	Use exact float → Float16 conversion method in Float16 tests
JDK-8361115	javax/swing/JComboBox/bug4276920.java unnecessarily throws Error instead of RuntimeException

Issue ID	Summary
JDK-8361125	Fix typo in onTradAbsence
JDK-8361140	Missing OptimizePtrCompare check in ConnectionGraph::reduce_phi_on_cmp
JDK-8361142	Improve custom hooks for makefiles
JDK-8361144	Strengthen the Ideal Verification in PhaselterGVN::verify_Ideal_for by comparing the hash of a node before and after Ideal
JDK-8361175	JFR: Document differences between method sample events
JDK-8361180	Disable CompiledDirectCall verification with -VerifyInlineCaches
JDK-8361183	JDK-8360887 needs fixes to avoid cycles and better tests (aix)
JDK-8361198	[AIX] fix misleading error output in thread_cpu_time_unchecked
JDK-8361204	Parallel: Skip visiting per-thread nmethods during young GC
JDK-8361209	(bf) Use CharSequence::getChars for StringCharBuffer bulk get methods
JDK-8361211	C2: Final graph reshaping generates unencodable class constants
JDK-8361212	Remove AffirmTrust root CAs

Issue ID	Summary
JDK-8361213	J2DAnalyzer should emit the score as a decimal
JDK-8361214	An anonymous class is erroneously being classify as an abstract class
JDK-8361215	Add AOT test case: verification constraint classes are excluded
JDK-8361216	Do not fork javac in J2DBench ant build
JDK-8361224	[macos] MacSignTest.testMultipleCertificates failed
JDK-8361238	G1 tries to get CPU info from terminated threads at shutdown
JDK-8361249	PlainHttpConnection connection logic can be simplified
JDK-8361253	CommandLineOptionTest library should report observed values on failure
JDK-8361255	CTW: Tolerate more NCD FE problems
JDK-8361283	[Accessibility,macOS,VoiceOver] VoiceOver announced Tab items of JTabbedPane as RadioButton on macOS
JDK-8361292	Rename ModuleEntry::module() to module_oop()
JDK-8361298	SwingUtilities/bug4967768.java fails where character P is not underline

Issue ID	Summary
JDK-8361299	(bf) CharBuffer.getChars(int,int,char[],int) violates pre-existing specification
JDK-8361300	Document exceptions for Unsafe offset methods
JDK-8361303	L10n comment for javac.opt.Xlint.desc.synchronization in javac.properties
JDK-8361306	jdk.compiler-gendata needs to depend on java.base-launchers
JDK-8361314	Test serviceability/jvmti/VMEvent/MyPackage/VMEventRecursionTest.java FATAL ERROR in native method: Failed during the GetClassSignature call
JDK-8361316	javadoc tool fails with an exception for an inheritdoc on throws clause of a constructor
JDK-8361325	Refactor ClassLoaderExt
JDK-8361328	cds/appcds/dynamicArchive/TestAutoCreateSharedArchive.java archive timestamps comparison failed
JDK-8361338	JFR: Min and max time in MethodTime event is confusing
JDK-8361339	Test gc/shenandoah/TestLargeObjectAlignment.java#generational fails on macOS aarch64 with OOM: Java heap space

Issue ID	Summary
JDK-8361342	Shenandoah: Evacuation may assert on invalid mirror object after JDK-8340297
JDK-8361349	Fix visibility of <code>CollectedHeap::stop()</code> and <code>::print_tracing_info()</code>
JDK-8361353	[PPC64] C2: Add nodes <code>UMulHiL</code> , <code>CmpUL3</code> , <code>UMinV</code> , <code>UMaxV</code> , <code>NegVI</code>
JDK-8361355	Negative cases of <code>Annotated.getAnnotationData</code> implementations are broken
JDK-8361363	<code>ShenandoahAsserts::print_obj()</code> does not work for forwarded objects and <code>UseCompactObjectHeaders</code>
JDK-8361366	Allow sorting of member details in lexicographical order
JDK-8361367	AOT <code>ExcludedClasses.java</code> test failed with missing constant pool logs
JDK-8361370	<code>runtime/Thread/TestThreadDumpMonitorContention.java</code> fails due to time out on Windows
JDK-8361376	Regressions 1-6% in several Renaissance in 26-b4 only MacOSX aarch64
JDK-8361380	ARM32: Atomic stubs should be in pre-universe
JDK-8361381	<code>GlyphLayout</code> behavior differs on JDK 11+ compared to JDK 8

Issue ID	Summary
JDK-8361383	LogFileStreamOutput::write_decorations uses wrong type for format precisions
JDK-8361397	Rework CompileLog list synchronization
JDK-8361401	Warnings for use of Sun APIs should not be mandatory
JDK-8361404	Parallel: Group all class unloading logc at the end of marking phase
JDK-8361423	Add IPSupport::printPlatformSupport to java/net/NetworkInterface/IPv4Only.java
JDK-8361424	Eliminate Log methods mandatoryWarning() and mandatoryNote()
JDK-8361426	(ref) Remove jdk.internal.ref.Cleaner
JDK-8361439	[BACKOUT] 8357601: Checked version of JNI Release<type>ArrayElements needs to filter out known wrapped arrays
JDK-8361445	javac crashes on unresolvable constant in @SuppressWarnings
JDK-8361447	[REDO] Checked version of JNI Release<type>ArrayElements needs to filter out known wrapped arrays
JDK-8361449	RISC-V: Code cleanup for native call

Issue ID	Summary
JDK-8361451	Test vmTestbase/metaspaces/stressHierarchy/stressHierarchy012/TestDescription.java fails with OutOfMemoryError: Metaspaces
JDK-8361463	Render method of javax.swing.text.AbstractDocument uses 'currency' instead of 'concurrency'
JDK-8361478	GHA: Use MSYS2 from GHA runners
JDK-8361481	Flexible Constructor Bodies generates a compilation error when compiling a user supplied java.lang.Object class
JDK-8361484	Remove duplicate font filename mappings in fontconfig.properties for AIX
JDK-8361487	[ubsan] test_committed_virtualmemory.cpp check_covered_pages shows overflow
JDK-8361492	[IR Framework] Has too restrictive regex for load and store
JDK-8361494	[IR Framework] Escape too much in replacement of placeholder
JDK-8361495	(fc) Async close of streams connected to uninterruptible FileChannel doesn't throw AsynchronousCloseException in all cases
JDK-8361497	Scoped Values: orElse and orElseThrow do not access the cache

Issue ID	Summary
JDK-8361499	Intersection type cast causes javac crash with -Xjcov
JDK-8361504	RISC-V: Make C1 clone intrinsic platform guard more specific
JDK-8361519	Obsolete Unicode Scalar Value link in Character class
JDK-8361520	Stabilize SystemGC benchmarks
JDK-8361521	BogusFocusableWindowState.java fails with StackOverflowError on Linux
JDK-8361524	[XWayland] possible JavaFX interop hang
JDK-8361526	Synchronize ClassFile API verifier with hotspot
JDK-8361529	GenShen: Fix bad assert in swap card tables
JDK-8361530	Test javax/swing/GraphicsConfigNotifier/StalePreferredSize.java timed out
JDK-8361532	RISC-V: Several vector tests fail after JDK-8354383
JDK-8361533	Apply java.io.Serial annotations in java.logging
JDK-8361536	[s390x] Saving return_pc at wrong offset
JDK-8361569	[JVMCI] Further refine JVMCI-compiled nmethod that should not collect deoptimization profile

Issue ID	Summary
JDK-8361570	Incorrect 'sealed is not allowed here' compile-time error
JDK-8361582	AArch64: Some ConH values cannot be replicated with SVE
JDK-8361587	AssertionError in File.listFiles() when path is empty and -esa is enabled
JDK-8361593	Commented dead code in JDK-8342868 can be removed
JDK-8361599	[PPC64] enable missing tests via jtreg requires
JDK-8361602	[TESTBUG] serviceability/HeapDump/UnmountedVThread NativeMethodAtTop.java deadlocks on exception
JDK-8361606	ConsumeNextMnemonicKeyTypedTest.java fails on Windows: character typed with VK_A: a
JDK-8361608	C2: assert(opaq→outcnt() == 1 && opaq→in(1) == limit) failed
JDK-8361610	Avoid wasted work in ImageIcon(Image) for setting description
JDK-8361613	System.console() should only be available for interactive terminal
JDK-8361614	Missing sub-int value validation in the Class-File API

Issue ID	Summary
JDK-8361615	CodeBuilder::parameterSlot throws undocumented IOOBE
JDK-8361635	Missing List length validation in the Class-File API
JDK-8361638	java.lang.classfile.CodeBuilder.CatchBuilder should not throw IllegalArgumentException for representable exception handlers
JDK-8361639	JFR: Incorrect top frame for I/O events
JDK-8361640	JFR: RandomAccessFile::readLine emits events for each character
JDK-8361647	Report the error reason on failed semaphore calls on macOS
JDK-8361680	Use correct enum Claim value in VM_HeapWalkOperation::collect_simple_roots
JDK-8361693	Remove Klass::clean_subclass_tree()
JDK-8361697	Remove duplicate message in MainResources.properties
JDK-8361699	C2: assert(can_reduce_phi(n→as_Phi())) failed: Sanity: previous reducible Phi is no longer reducible before SUT
JDK-8361700	Missed optimization in PhaselterGVN for mask and shift patterns due to missing notification in PhaselterGVN::add_users_of_use_to_worklist

Issue ID	Summary
JDK-8361702	C2: assert(is_dominator(compute_early_ctrl(limit, limit_ctrl), pre_end)) failed: node pinned on loop exit test?
JDK-8361704	Parallel: Simplify logic condition in MutableNUMASpace::initialize
JDK-8361705	Clean up KlassCleaningTask
JDK-8361706	Parallel weak class link cleaning does not clean out previous classes
JDK-8361711	Add library name configurability to PKCS11Test.java
JDK-8361712	Improve ShenandoahAsserts printing
JDK-8361715	(bf) Improve java/nio/Buffer/GetChars.java and migrate to JUnit
JDK-8361717	Refactor Collections.emptyList() in Locale related classes
JDK-8361725	Do not load Java agent with "-Xshare:dump -XX:+AOTClassLinking"
JDK-8361726	Shenandoah: More detailed evacuation instrumentation
JDK-8361730	The CodeBuilder.trying(BlockCodeBuilder,CatchBuilder) method generates corrupted bytecode in certain cases

Issue ID	Summary
JDK-8361748	Enforce limits on the size of an XBM image
JDK-8361751	Test sun/tools/jcmd/TestJcmdSanity.java timed out on Windows
JDK-8361752	Double free in CompileQueue::delete_all after JDK-8357473
JDK-8361754	New test runtime/jni/checked/TestCharArrayReleasing.java can cause disk full errors
JDK-8361827	[TESTBUG] serviceability/HeapDump/UnmountedVThreadNativeMethodAtTop.java throws OutOfMemoryError
JDK-8361829	[TESTBUG] RISC-V: compiler/vectorization/runner/BasicIntOpTest.java fails with RVV but not Zvbb
JDK-8361836	RISC-V: Relax min vector length to 32-bit for short vectors
JDK-8361839	Problemlist BogusFocusableWindowState due to failures in the CI pipeline
JDK-8361842	Move input validation checks to Java for java.lang.StringCoding intrinsics
JDK-8361844	Build without C1 or C2 fails after 8360707
JDK-8361868	[GCC static analyzer] complains about missing calloc - NULL checks in p11_util.c

Issue ID	Summary
JDK-8361869	Tests which call ThreadController should mark as /native
JDK-8361871	[GCC static analyzer] complains about use of uninitialized value ckpObject in p11_util.c
JDK-8361873	[GCC static analyzer] exec_md.c forkedChildProcess potential double 'close' of file descriptor '3'
JDK-8361888	[GCC static analyzer] ProcessImpl_md.c Java_java_lang_ProcessImpl_forkAndExec error: use of uninitialized value *(ChildStuff *)p.mode
JDK-8361890	Aarch64: Removal of redundant dmb from C1 AtomicLong methods
JDK-8361892	AArch64: Incorrect matching rule leading to improper oop instruction encoding
JDK-8361894	sun/security/krb5/config/native/TestDynamicStore.java ensure that the test is run with sudo
JDK-8361897	gc/z/TestUncommit.java fails with Uncommitted too slow
JDK-8361905	Problem list serviceability/sa/ClhsdbThreadContext.java on Windows due to JDK-8356704
JDK-8361908	Mix and match of dead and valid exception handler leads to malformed class file

Issue ID	Summary
JDK-8361909	ConstantPoolBuilder::loadableConstantEntry and constantValueEntry should throw NPE
JDK-8361912	ThreadsListHandle::cv_internal_thread_to_Java Thread does not deal with a virtual thread's carrier thread
JDK-8361948	Shenandoah: region free capacity unit mismatch
JDK-8361950	Update to use jreg 8
JDK-8361952	Installation of MethodData::extra_data_lock() misses synchronization on reader side
JDK-8361955	[GCC static analyzer] libjdw/threadControl.c threadControl_setPendingInterrupt error: dereference of NULL 'node'
JDK-8361959	[GCC static analyzer] java_props_md.c leak of 'temp' variable is reported
JDK-8361961	Typo in ProtectionDomain.implies
JDK-8361964	Remove outdated algorithms from requirements and add PBES2 algorithms
JDK-8361972	Clarify the condition of System.console() about standard input/output
JDK-8362067	Remove unnecessary List.contains key from SpringLayout.Constraints.pushConstraint
JDK-8362088	CompressedKlassPointers::encode should be const correct

Issue ID	Summary
JDK-8362097	JFR: Active Settings view broken
JDK-8362116	System.in.read() etc. don't accept input once immediate Ctrl+D pressed in JShell
JDK-8362122	Problem list TestStressBailout until JDK-8361752 is fixed
JDK-8362123	ClassLoader Leak via Executors.newSingleThreadExecutor(...)
JDK-8362151	Remove unnecessary ClassLoaderDataGraph friend classes
JDK-8362162	Use bool for caller of os::must_commit_stack_guard_pages()
JDK-8362169	Pointer passed to upcall may get wrong scope
JDK-8362171	C2 fails with unexpected node in SuperWord truncation: Modl
JDK-8362193	Re-work MacOS/AArch64 SpinPause to handle SB
JDK-8362203	assert(state == nullptr state →get_thread_oop() != nullptr) failed: incomplete state
JDK-8362204	test/jdk/sun/awt/font/TestDevTransform.java fails on Ubuntu 24.04
JDK-8362207	Add more test cases for possible double-rounding in fma

Issue ID	Summary
JDK-8362237	IllegalArgumentException in the launcher when exception without stack trace is thrown
JDK-8362243	Devkit creation for Fedora base OS is broken
JDK-8362244	Devkit's Oracle Linux base OS keyword is incorrectly documented
JDK-8362250	ARM32: forward_exception_entry missing return address
JDK-8362271	G1: Improve G1CollectorState::clearing_bitmap name
JDK-8362276	NMT tests should have locks for the entire tests
JDK-8362278	G1: Consolidate functions for recording pause start time
JDK-8362279	[vectorapi] VECTOR_OP_SUADD needs reduction support
JDK-8362282	runtime/logging/StressAsyncUL.java failed with exitValue = 134
JDK-8362284	RISC-V: cleanup NativeMovRegMem
JDK-8362289	[macOS] Remove finalize method in JRSUIControls.java
JDK-8362291	[macOS] Remove finalize method in CGraphicsEnvironment.java
JDK-8362304	Fix JDWP spec w.r.t. OPAQUE_FRAME and INVALID_SLOT errors

Issue ID	Summary
JDK-8362306	HotSpotJVMCIRuntime.getMirror can crash
JDK-8362308	Enhance Bitmap operations
JDK-8362335	[macos] Change value of CFBundleDevelopmentRegion from "English" to "en-US"
JDK-8362336	Revert changes in metaspaceShared.cpp done via JDK-8356807
JDK-8362352	Fix references to non-existing resource strings
JDK-8362376	Use @Stable annotation in Java FDLIBM implementation
JDK-8362379	Test serviceability/HeapDump/UnmountedVThread NativeMethodAtTop.java should mark as /native
JDK-8362390	AIX make fails in awt_GraphicsEnv.c
JDK-8362394	C2: Repeated stacked string concatenation fails with "Hit MemLimit" and other resourcing errors
JDK-8362428	Update IANA Language Subtag Registry to Version 2025-08-25
JDK-8362429	AssertionError in File.listFiles(FileFilter FilenameFilter)
JDK-8362448	Make use of the Double.toString(double) algorithm in java.text.DecimalFormat

Issue ID	Summary
JDK-8362452	[macOS] Remove CPrinterJob.finalize()
JDK-8362482	[TESTBUG] serviceability/HeapDump/UnmountedVThread NativeMethodAtTop.java: System.gc() does not provide full GC
JDK-8362493	Cleanup CodeBuffer::copy_relocations_to
JDK-8362501	Update test/hotspot/jtreg/applications/jcstress/README E
JDK-8362515	RISC-V: cleanup NativeFarCall
JDK-8362516	Support of GCC static analyzer (-fanalyzer)
JDK-8362524	Fix confusing but harmless typos in x86 CPU Features
JDK-8362530	VM crash with -XX:+PrintTieredEvents when collecting AOT profiling
JDK-8362532	Test gc/g1/plab/* duplicate command-line options
JDK-8362533	Tests sun/management/jmxremote/bootstrap/* duplicate VM flags
JDK-8362556	New test jdk/jfr/event/io/TestIOTopFrame.java is failing on all platforms
JDK-8362557	[macOS] Remove CFont.finalize()

Issue ID	Summary
JDK-8362561	Remove diagnostic option AllowArchivingWithJavaAgent
JDK-8362564	hotspot/jtreg/compiler/c2/TestLWLockingCode Gen.java fails on static JDK on x86_64 with AVX instruction extensions
JDK-8362565	ProblemList jdk/jfr/event/io/TestIOTopFrame.java
JDK-8362566	Use -Xlog:aot+map to print contents of existing AOT cache
JDK-8362572	Delete the usage of "sun.java2d.reftype" from the sun.java2d.Disposer
JDK-8362573	Incorrect weight of the first ObjectAllocationSample JFR event (regression)
JDK-8362581	Timeouts in java/nio/channels/SocketChannel/OpenLeak.ja va on UNIX
JDK-8362582	GHA: Increase bundle retention time to deal with infra overload better
JDK-8362587	Sort share/oops includes
JDK-8362591	Wrong argument warning when heap size larger than coops threshold
JDK-8362592	Remove unused argument in nmethod::oops_do
JDK-8362596	RISC-V: Improve _vectorizedHashCode intrinsic

Issue ID	Summary
JDK-8362598	[macos] Add tests for custom info plist files
JDK-8362602	Add test.timeout.factor to CompileFactory to avoid test timeouts
JDK-8362611	[GCC static analyzer] memory leak in ps_core.c core_handle_note
JDK-8362632	Improve HttpServer Request handling
JDK-8362637	Convert java.nio.ByteOrder to an enum
JDK-8362657	Make tables used in AOT assembly phase GC-safe
JDK-8362659	Remove sun.print.PrintJob2D.finalize()
JDK-8362829	Exclude CDS test cases after JDK-8361725
JDK-8362832	compiler/macronodes/TestTopInMacroElimination.java hits assert(false) failed: unexpected node
JDK-8362834	Several runtime/Thread tests should mark as /native
JDK-8362836	JFR: Broken pipe in jdk/jfr/event/io/TestIOTopFrame.java
JDK-8362838	RISC-V: Incorrect matching rule leading to improper oop instruction encoding
JDK-8362846	Windows error reporting for dll_load doesn't check for a null buffer

Issue ID	Summary
JDK-8362855	Test java/net/ipv6tests/TcpTest.java should report SkippedException when there no ia4addr or ia6addr
JDK-8362882	Update SubmissionPublisher() specification to reflect use of ForkJoinPool.asyncCommonPool()
JDK-8362884	[GCC static analyzer] unix NetworkInterface.c addif leak on early returns
JDK-8362885	A more formal way to mark javac's Flags that belong to a specific Symbol type only
JDK-8362889	[GCC static analyzer] leak in libstringPlatformChars.c
JDK-8362893	Improve performance for MemorySegment::getString
JDK-8362894	PKCS12 KeyStore PBMAC1 interoperability testing
JDK-8362898	Remove finalize() methods from javax.imageio TIFF classes
JDK-8362954	Missing error buffer null check in os::dll_load on Linux/BSD
JDK-8362957	Fix jdk/javadoc/doccheck/checks/jdkCheckHtml.java (docs) failure
JDK-8362958	Unnecessary copying / sorting in Streams using Comparator.naturalOrder()

Issue ID	Summary
JDK-8362972	C2 fails with unexpected node in SuperWord truncation: IsFiniteF, IsFiniteD
JDK-8362979	C2 fails with unexpected node in SuperWord truncation: CmpLTMask, RoundF
JDK-8363063	AArch64: [VectorAPI] sve vector math operations are not supported after JDK-8353217
JDK-8363229	Parallel: Remove develop flag GCExpandToAllocateDelayMillis
JDK-8363357	Remove unused flag VerifyAdapterCalls
JDK-8363584	Sort share/utilities includes
JDK-8363676	[GCC static analyzer] missing return value check of malloc in OGLContext_SetTransform
JDK-8363720	Follow up to JDK-8360411 with post review comments
JDK-8363816	Refactor array name creation
JDK-8363837	Make StubRoutines::crc_table_adr() into platform-specific method
JDK-8363858	[perf] OptimizeFill may use wide set of intrinsics
JDK-8363889	Update sun.print.PrintJob2D to use Disposer
JDK-8363895	Minimal build fails with slowdebug builds after JDK-8354887

Issue ID	Summary
JDK-8363898	RISC-V: TestRangeCheckHoistingScaledIV.java fails after JDK-8355293 when running without RVV
JDK-8363910	Avoid tuning for Power10 CPUs on Linux ppc64le when gcc < 10 is used
JDK-8363917	SwitchBootstraps.enumSwitch() args not checked as documented
JDK-8363920	JVMTI Documentation for GetLocalDouble is wrong: refers to long
JDK-8363925	Remove unused sun.nio.cs.ArrayEncoder::encode
JDK-8363928	Specifying AOTCacheOutput with a blank path causes the JVM to crash
JDK-8363929	G1: Add G1 prefix to various G1 specific global locks
JDK-8363932	G1: Better distribute KlassCleaningTask
JDK-8363943	ARM32: Represent Registers as values
JDK-8363949	Incorrect jtreg header in MonitorWithDeadObjectTest.java
JDK-8363950	Incorrect jtreg header in TestLayoutVsICU.java
JDK-8363965	GHA: Switch cross-compiling sysroots to Debian bookworm

Issue ID	Summary
JDK-8363966	GHA: Switch cross-compiling sysroots to Debian trixie
JDK-8363972	Lenient parsing of minus sign pattern in DecimalFormat/CompactNumberFormat
JDK-8363979	Add JDK bundle/image validation for --runtime -image option
JDK-8363980	[macos] Add JDK specific keys/values to Info.plist of embedded runtime
JDK-8363986	Heap region in CDS archive is not at deterministic address
JDK-8363989	AArch64: Add missing backend support of VectorAPI expand operation
JDK-8363998	Implement Compressed Class Pointers for 32-bit
JDK-8364004	Expose VMError::controlledCrash via Whitebox
JDK-8364019	Add alignment precondition to Universe::reserve_heap
JDK-8364037	Sort share includes: adlc, libadt, metaprogramming
JDK-8364039	Adding implNote to DOMSignContext and DOMValidateContext on JDK-specific properties
JDK-8364042	UnsafeMemoryAccess will not work with AOT cached code stubs

Issue ID	Summary
JDK-8364081	Shenandoah & GenShen logging improvement
JDK-8364082	<code>jdk/jfr/event/gc/heapsummary/TestHeapSummaryEventPSParOld.java</code> Eden should be placed first in young
JDK-8364087	Amend comment in <code>globalDefinitions.hpp</code> on " <code>classfile_constants.h</code> " include
JDK-8364089	JDK 25 RDP2 L10n resource files update
JDK-8364090	Dump JFR recording on <code>CrashOnOutOfMemoryError</code>
JDK-8364103	Convert existing <code>sprintf</code> -chains to <code>stringstream</code>
JDK-8364106	Include <code>java.runtime.version</code> in thread dump output
JDK-8364110	Remove unused methods in <code>GCCause</code>
JDK-8364111	<code>InstanceMirrorKlass</code> iterators should handle CDS and hidden classes consistently
JDK-8364114	Test <code>TestHugePageDecisionsAtVMStartup.java#LP_enabled</code> fails when no free hugepage
JDK-8364115	Sort <code>share/services</code> includes
JDK-8364120	RISC-V: unify the usage of <code>MacroAssembler::instruction_size</code>
JDK-8364128	Improve gathering of cpu feature names using <code>stringstream</code>

Issue ID	Summary
JDK-8364129	Rename libwixhelper
JDK-8364135	JPEGImageReader.getImageTypes() should throw exception for negative image index
JDK-8364141	Remove LockingMode related code from x86
JDK-8364146	JList getScrollableUnitIncrement return 0
JDK-8364150	RISC-V: Leftover for JDK-8343430 removing old trampoline call
JDK-8364159	Shenandoah assertions after JDK-8361712
JDK-8364166	Parallel: Remove the use of soft_ref_policy in Full GC
JDK-8364176	Serial: Group all class unloading logic at the end of marking phase
JDK-8364177	JDK fails to build due to undefined symbol in libpng on LoongArch64
JDK-8364183	Shenandoah: Improve commit/uncommit handling
JDK-8364184	[REDO] AArch64: [VectorAPI] sve vector math operations are not supported after JDK-8353217
JDK-8364185	[BACKOUT] AArch64: [VectorAPI] sve vector math operations are not supported after JDK-8353217
JDK-8364187	Make getClassAccessFlagsRaw non-native

Issue ID	Summary
JDK-8364190	JFR: RemoteRecordingStream withers don't work
JDK-8364196	G1: Fix typo in "cset_groud_gid" local variable in G1FlushHumongousCandidateRemSets
JDK-8364197	G1: Sort G1 mutex locks by name and group them together
JDK-8364198	NMT should have a better corruption message
JDK-8364199	Enhance list of environment variables printed in hserr/hsinfo file
JDK-8364202	CDS without G1 gives build error in slowdebug, asserts in fastdebug
JDK-8364212	Shenandoah: Rework archived objects loading
JDK-8364213	(bf) Improve java/nio/Buffer/CharBufferAsCharSequenceTest test comments
JDK-8364214	Enhance polygon data support
JDK-8364226	Better ECDSASignature Memory Management
JDK-8364227	MBeanServer registerMBean throws NPE
JDK-8364230	javax/swing/text/StringContent can be migrated away from using finalize
JDK-8364235	Fix for JDK-8361447 breaks the alignment requirements for GuardedMemory

Issue ID	Summary
JDK-8364248	Separate commit and reservation limit detection
JDK-8364249	G1: Fix some comments about "maximum_collection"
JDK-8364254	Serial: Remove soft ref policy update in WhiteBox FullGC
JDK-8364257	JFR: User-defined events and settings with a one-letter name cannot be configured
JDK-8364258	ThreadGroup constant pool serialization is not normalized
JDK-8364263	HttpClient: Improve encapsulation of ProxyServer
JDK-8364269	Simplify code cache API by storing adapter entry offsets in blob
JDK-8364277	(fs) BasicFileAttributes.isDirectory and isOther return true for NTFS directory junctions when links not followed
JDK-8364280	NMTCommittedVirtualMemoryTracker.test_committed_virtualmemory_region_vm fails with assertion "negative distance"
JDK-8364282	ZGC: Improve ZPageAllocation JFR event sending
JDK-8364296	Set IntelJccErratumMitigation flag ergonomically

Issue ID	Summary
JDK-8364305	Support AVX10 saturating floating point conversion instructions
JDK-8364312	debug agent should set FD_CLOEXEC flag rather than explicitly closing every open file
JDK-8364314	java_lang_Thread::get_thread_status fails assert(base != nullptr) failed: Invalid base
JDK-8364315	Remove unused xml files from test/jaxp/javax/xml/jaxp/functional/javax/xml/transform/xmlfiles
JDK-8364316	JFR: Incorrect validation of mirror fields
JDK-8364317	Explicitly document some assumptions of StringUTF16
JDK-8364319	Move java.lang.constant.AsTypeMethodHandleDesc to jdk.internal
JDK-8364320	String encodeUTF8 latin1 with negatives
JDK-8364325	ProblemList com/sun/management/HotSpotDiagnosticMXBean/DumpThreads.java
JDK-8364343	Virtual Thread transition management needs to be independent of JVM TI
JDK-8364345	Test java/nio/Buffer/CharBufferAsCharSequenceTest.java failed

Issue ID	Summary
JDK-8364346	Typo in IR framework README
JDK-8364351	ZGC: Replace usages of ZPageAgeRange() with ZPageAgeRangeAll
JDK-8364352	Some tests fail when using a limited number of pregenerated .jsa CDS archives
JDK-8364359	Sort share/cds includes
JDK-8364360	Defining hidden class with no room in constant pool crashes the VM
JDK-8364361	[process] java.lang.Process should implement Closeable
JDK-8364365	HKSCS encoder does not properly set the replacement character
JDK-8364370	java.text.DecimalFormat specification indentation correction
JDK-8364382	Remove sun/tools/jstat/jstatLineCountsX.sh from ProblemList on linux-ppc64le and aix due to JDK-8248691
JDK-8364406	Remove LockingMode related code from aarch64
JDK-8364409	[BACKOUT] Consolidate Identity of self-inverse operations
JDK-8364414	G1: Use simpler data structure for holding collection set candidates during calculation

Issue ID	Summary
JDK-8364423	G1: Refactor G1UpdateRegionLivenessAndSelectForRebuild Task
JDK-8364427	JFR: Possible resource leak in Recording::getStream
JDK-8364434	Inconsistent BufferedContext state after GC
JDK-8364454	ProblemList runtime/cds/DeterministicDump.java on macos for JDK-8363986
JDK-8364461	JFR: Default constructor may not be first in setting control
JDK-8364484	misc tests fail with Received fatal alert: handshake_failure
JDK-8364501	Compiler shutdown crashes on access to deleted CompileTask
JDK-8364503	gc/g1/TestCodeCacheUnloadDuringConcCycle. java fails because of race printing to stdout
JDK-8364504	[BACKOUT] JDK-8364176 Serial: Group all class unloading logic at the end of marking phase
JDK-8364514	[asan] runtime/jni/checked/TestCharArrayReleasing.ja va heap-buffer-overflow
JDK-8364516	Serial: Move class unloading logic inside SerialFullGC::invoke_at_safepoint

Issue ID	Summary
JDK-8364518	Support for Job Objects in <code>os::commit_memory_limit()</code> on Windows
JDK-8364519	Sort share/classfile includes
JDK-8364531	G1: Factor out liveness tracing code
JDK-8364532	G1: In liveness tracing, print more significant digits for the liveness value
JDK-8364540	Apply <code>@Stable</code> to Shared Secrets
JDK-8364541	Parallel: Support allocation in old generation when heap is almost full
JDK-8364545	<code>tools/javac/launcher/SourceLauncherTest.java</code> fails frequently
JDK-8364556	JFR: Disable <code>SymbolTableStatistics</code> and <code>StringTableStatistics</code> in <code>default.jfc</code>
JDK-8364558	Failure to generate compiler stubs from compiler thread should not crash VM when compilation disabled due to full <code>CodeCache</code>
JDK-8364560	The default value of <code>--linux-menu-group</code> option is invalid
JDK-8364564	Shortcut configuration is not recorded in <code>.jpackage.xml</code> file
JDK-8364570	Remove <code>LockingMode</code> related code from <code>riscv64</code>

Issue ID	Summary
JDK-8364580	Test compiler/vectorization/TestSubwordTruncation. java fails on platforms without RoundF/RoundD
JDK-8364583	ColorConvertOp fails for CMYK → RGB conversion
JDK-8364587	Update jpackage internal javadoc
JDK-8364597	Replace THL A29 Limited with Tencent
JDK-8364611	(process) Child process SIGPIPE signal disposition should be default
JDK-8364618	Sort share/code includes
JDK-8364628	Serial: Refactor SerialHeap::mem_allocate_work
JDK-8364638	Refactor and make accumulated GC CPU time code generic
JDK-8364642	G1: Remove parameter in G1CollectedHeap::abandon_collection_set()
JDK-8364649	G1: Move collection set related full gc reset code into abandon_collection_set() method
JDK-8364650	G1: Use InvalidCSetIndex instead of UINT_MAX for "invalid" sentinel value of young_index_in_cset
JDK-8364657	Crash for SecureRandom.generateSeed(0) on Windows x86-64

Issue ID	Summary
JDK-8364660	ClassVerifier::ends_in_athrow() should be removed
JDK-8364666	Tier1 builds broken by JDK-8360559
JDK-8364667	JFR: Throttle doesn't work with dynamic events
JDK-8364673	Remove duplicate font mapping for itcavantgarde in psfontj2d.properties
JDK-8364722	Parallel: Move CLDG mark clearing to the end of full GC
JDK-8364723	Sort share/interpreter includes
JDK-8364735	[asan] heap-use-after-free error detected in defaultStream::writer during VM shutdown
JDK-8364741	[asan] runtime/ErrorHandling/PrintVMInfoAtExitTest.java fails because output differs slightly
JDK-8364750	Remove unused declaration in jvm.h
JDK-8364751	ConstantBootstraps.explicitCast contradictory specification for null-to-primitive
JDK-8364752	java.time.Instant should be able to parse ISO 8601 offsets of the form HH:mm:ss
JDK-8364756	JFR: Improve slow tests
JDK-8364757	Missing Store nodes caused by bad wiring in PhaseIdealLoop::insert_post_loop

Issue ID	Summary
JDK-8364760	G1: Remove obsolete code in G1MergeCardSetClosure
JDK-8364761	(aio) AsynchronousChannelGroup.execute doesn't check null command
JDK-8364764	java/nio/channels/vthread/BlockingChannelOps.java subtests timed out
JDK-8364767	G1: Remove use of CollectedHeap::_soft_ref_policy
JDK-8364768	JDK javax.imageio ImageWriters do not all flush the output stream
JDK-8364780	Unicode extension clarifications for NumberFormat/DecimalFormatSymbols
JDK-8364781	Re-examine DigitList digits resizing during parsing
JDK-8364786	Test java/net/vthread/HttpALot.java intermittently fails - 24999 handled, expected 25000
JDK-8364806	Test sun/security/krb5/config/IncludeRandom.java times out on Windows
JDK-8364808	Make BasicDesktopPaneUI.Actions.MOVE_RESIZE_INCREMENT static
JDK-8364816	GetLastError() in os_windows.cpp should not store value to errno

Issue ID	Summary
JDK-8364819	Post-integration cleanups for JDK-8359820
JDK-8364822	Comment cleanup, stale references to closeDescriptors and UNIXProcess.c
JDK-8364877	G1: Inline G1CollectedHeap::set_region_short_lived_locked
JDK-8364925	G1: Improve program flow around incremental collection set building
JDK-8364927	Add @requires annotation to TestReclaimStringsLeaksMemory.java
JDK-8364929	Assign unique id to each AdapterBlob stored in AOTCodeCache
JDK-8364934	G1: Rename members of G1CollectionSet
JDK-8364936	Shenandoah: Switch nmethod entry barriers to conc_instruction_and_data_patch
JDK-8364954	(bf) CleaningThread should be InnocuousThread
JDK-8364962	G1: Inline G1CollectionSet::finalize_incremental_building
JDK-8364973	Add JVMTI stress testing mode
JDK-8364984	Many jpackage tests are failing on Linux after JDK-8334238

Issue ID	Summary
JDK-8364987	javac fails with an exception when looking for diamond creation
JDK-8364991	Incorrect not-exhaustive error
JDK-8364993	JFR: Disable jdk.ModuleExport in default.jfc
JDK-8364996	java/awt/font/FontNames/LocaleFamilyNames. java times out on Windows
JDK-8365024	G1: Make G1CollectionSet::_inc_build_state assert-only
JDK-8365026	G1: Initialization should start a "full" new collection set
JDK-8365034	G1: Remove num_groups_selected in G1CollectionSet::select_candidates_from_optio nal_groups as it is unnecessary
JDK-8365040	G1: Remove sorting at end of collection set selection
JDK-8365044	Missing copyright header in Contextual.java
JDK-8365047	Remove exception handler stub code in C2
JDK-8365048	idea.sh script does not correctly detect/handle git worktrees
JDK-8365050	Too verbose warning in os::commit_memory_limit() on Windows
JDK-8365052	G1: Remove G1CollectionSet::groups() accessors

Issue ID	Summary
JDK-8365053	Refresh hotspot precompiled.hpp with headers based on current frequency
JDK-8365055	G1: Merge Heap Roots phase incorrectly clears young gen remembered set every time
JDK-8365057	Add support for java.util.concurrent lock information to Thread.dump_to_file
JDK-8365058	Enhance CopyOnWriteArraySet
JDK-8365060	Historical data for JDK 8 should include the jdk.net package
JDK-8365065	cancelled ForkJoinPool tasks no longer throw CancellationException
JDK-8365069	Refactor tests to use PEM API (Phase 1)
JDK-8365071	ARM32: JFR intrinsic jvm_commit triggers C2 regalloc assert
JDK-8365072	Refactor tests to use PEM API (Phase 2)
JDK-8365077	java.awt.font.NumericShaper violates equals/hashCode contract
JDK-8365086	CookieStore.getURIs() and get(URI) should return an immutable List
JDK-8365098	make/RunTests.gmk generates a wrong path to test artifacts on Alpine
JDK-8365115	G1: Refactor rem set statistics gather code for group

Issue ID	Summary
JDK-8365122	G1: Minor clean up of G1SurvivorRegions
JDK-8365146	Remove LockingMode related code from ppc64
JDK-8365153	AArch64: Set JVM flags for Neoverse N3 and V3 cores
JDK-8365163	[ubsan] left-shift issue in globalDefinitions.hpp
JDK-8365165	Zap C-heap memory at delete/free
JDK-8365166	ARM32: missing os::fetch_bcp_from_context implementation
JDK-8365168	Use 64-bit aligned addresses for CK_ULONG access in PKCS11 native key code
JDK-8365175	Replace Unicode extension anchor elements with link tag
JDK-8365180	Remove sun.awt.windows.WInputMethod.finalize()
JDK-8365184	sun/tools/jhsdb/HeapDumpTestWithActiveProcess.java Re-enable SerialGC flag on debuggee process
JDK-8365186	Reduce size of j.t.f.DateTimePrintContext::adjust
JDK-8365188	Remove LockingMode related code from s390
JDK-8365189	Remove LockingMode related code from arm32

Issue ID	Summary
JDK-8365190	Remove LockingMode related code from share
JDK-8365191	Cleanup after removing LockingMode related code
JDK-8365192	post_meth_exit should be in vm state when calling get_jvmti_thread_state
JDK-8365197	javax.imageio.stream MemoryCache based streams no longer need a disposer.
JDK-8365198	Remove unnecessary mention of finalize in ImageIO reader/writer docs
JDK-8365199	Use a set instead of a list as the intermediary Klass* storage to reduce typeset processing
JDK-8365200	RISC-V: compiler/loopopts/superword/TestGeneralizedReductions.java fails with Zvbb and vlen=128
JDK-8365203	defineClass with direct buffer can cause use-after-free
JDK-8365205	C2: Optimize popcount value computation using knownbits
JDK-8365206	RISC-V: compiler/c2/irTests/TestFloat16ScalarOperations.java is failing on riscv64
JDK-8365218	[JVMCI] AArch64 CPU features are not computed correctly after 8364128

Issue ID	Summary
JDK-8365229	ARM32: c2i_no_clinit_check_entry assert failed after JDK-8364269
JDK-8365231	Don't build gtest with /EHsc
JDK-8365237	Remove unused SoftRefPolicy::_all_soft_refs_clear
JDK-8365238	'jfr' feature requires 'services' with 'custom' build variant
JDK-8365239	Spec Clarification - InterfaceAddress:getBroadcast() returning null for loop back address
JDK-8365240	[asan] exclude some tests when using asan enabled binaries
JDK-8365244	Some test control variables are undocumented in doc/testing.md
JDK-8365245	Move size reducing operations to GrowableArrayWithAllocator
JDK-8365256	RelocIterator should use indexes instead of pointers
JDK-8365262	[IR-Framework] Add simple way to add cross-product of flags
JDK-8365264	Rename ResourceHashtable to HashTable
JDK-8365265	x86 short forward jump exceeds 8-bit offset in methodHandles_x86.cpp when using Intel APX

Issue ID	Summary
JDK-8365271	Improve Swing supports
JDK-8365280	Enhance JOptionPane
JDK-8365288	PEMDecoder should throw ClassCastException
JDK-8365290	[perf] x86 ArrayFill intrinsic generates SPLIT_STORE for unaligned arrays
JDK-8365291	Remove finalize() method from sun/awt/X11InputMethodBase.java
JDK-8365292	Remove javax.imageio.spi.ServiceRegistry.finalize()
JDK-8365296	Build failure with Clang due to -Wformat warning after JDK-8364611
JDK-8365302	RISC-V: compiler/loopopts/superword/TestAlignVector.java fails when vlen=128
JDK-8365305	The ARIA role 'contentinfo' is not valid for the element <footer>
JDK-8365307	AIX make fails after JDK-8364611
JDK-8365312	GCC 12 cannot compile SVE on aarch64 with auto-var-init pattern
JDK-8365314	javac fails with an exception for erroneous source
JDK-8365316	Remove unnecessary default arg value in gcVMOperations

Issue ID	Summary
JDK-8365317	ZGC: Setting ZYoungGCThreads lower than ZOldGCThreads may result in a crash
JDK-8365375	Method SU3.setAcceleratorSelectionForeground assigns to acceleratorForeground
JDK-8365378	Redundant code in Deoptimization::print_statistics
JDK-8365379	SU3.applyInsets may produce wrong results
JDK-8365385	[asan] os::pretouch_memory() is not compatible with ASAN
JDK-8365389	Remove static color fields from SwingUtilities3 and WindowsMenuItemUI
JDK-8365394	Stylesheet must not load fonts on --no-fonts output
JDK-8365398	TEST_BUG: java/rmi/transport/checkLeaseInfoLeak/CheckLeaseLeak.java failing intermittently
JDK-8365400	Enhance JFR to emit file and module metadata for class loading
JDK-8365407	Race condition in MethodTrainingData::verify()
JDK-8365416	java.desktop no longer needs preview feature access

Issue ID	Summary
JDK-8365423	[macos26] java/awt/MenuBar/8007006/bug8007006.java fails on macOS 26
JDK-8365424	[macos26] java/awt/Frame/DisposeTest.java fails on macOS 26
JDK-8365425	[macos26] javax/swing/JInternalFrame/8160248/JInternalF rameDraggingTest.java fails on macOS 26
JDK-8365426	[macos26] Graphics2D tests fail on new macOS 26
JDK-8365428	Unclear comments on java.lang.invoke Holder classes
JDK-8365436	ImageReaderTest fails when jmods directory not present
JDK-8365442	[asan] runtime/ErrorHandling/CreateCoredumpOnCra sh.java fails
JDK-8365467	Issues with jrtfs implementation for exploded run-time images
JDK-8365468	EagerJVMCI should only apply to the CompilerBroker JVMCI runtime
JDK-8365483	Test sun/rmi/runtime/Log/6409194/NoConsoleOutp ut.java sometimes fails
JDK-8365487	[asan] some oops (mode) related tests fail

Issue ID	Summary
JDK-8365491	VSCode IDE: add basic configuration for the Oracle Java extension
JDK-8365501	Remove special AdapterHandlerEntry for abstract methods
JDK-8365512	Replace -Xcomp with -Xmixed for AOT assembly phase
JDK-8365526	Crash with null Symbol passed to SystemDictionary::resolve_or_null
JDK-8365532	java/lang/module/ModuleReader/ModuleReaderTest.testImage fails
JDK-8365533	Remove outdated jdk.internal.javac package export to several modules from java.base
JDK-8365543	UnixNativeDispatcher.init should lookup open64at and stat64at on AIX
JDK-8365550	JFR: The active-settings view should not use LAST_BATCH
JDK-8365555	Cleanup redundancies in jpackage implementation
JDK-8365556	ObjectMonitor::try_lock_or_add_to_entry_list() returns true with the wrong state of the node
JDK-8365557	Parallel: Refactor ParallelScavengeHeap::mem_allocate_work
JDK-8365558	Fix stub entry init and blob creation on Zero

Issue ID	Summary
JDK-8365559	jarsigner shows files non-existent if signed with a weak algorithm
JDK-8365569	Remove finalize from JavaSoundAudioClip.java
JDK-8365570	C2 fails assert(false) failed: Unexpected node in SuperWord truncation: CastII
JDK-8365571	GenShen: PLAB promotions may remain disabled for evacuation threads
JDK-8365572	Shenandoah: Remove unused thread local <code>_paced_time</code> field
JDK-8365579	ml64.exe is not the right assembler for Windows aarch64
JDK-8365581	Optimize Java implementation of P256 arithmetic
JDK-8365588	defineClass that accepts a ByteBuffer does not work as expected
JDK-8365594	Strengthen Universe classes asserts to catch bootstrapping errors earlier
JDK-8365606	Container code should not be using jlong/julong
JDK-8365609	Fix several potential NULL native pointer dereferences in the desktop module
JDK-8365610	Sort share/jfr includes
JDK-8365611	Use lookup table for JfrEventThrottler

Issue ID	Summary
JDK-8365614	JFR: Improve PrettyWriter::printValue
JDK-8365615	Improve JMenuBar/RightLeftOrientation.java
JDK-8365620	Using enhanced switch in MethodHandleDesc
JDK-8365622	Shenandoah: Fix Shenandoah simple bit map test
JDK-8365623	test/jdk/sun/security/pkcs11/tls/ tests skipped without skip exception
JDK-8365625	Can't change accelerator colors in Windows L&F
JDK-8365626	(fs) Improve handling of broken links in Files.isSameFile() (win)
JDK-8365630	jdk/jfr/tool/TestPrintContextual.java fails with wrong spanId
JDK-8365633	Incorrect info is reported on hybrid CPU
JDK-8365636	JFR: Minor cleanup
JDK-8365638	JFR: Add --exact for debugging out-of-order events
JDK-8365643	JShell EditPad out of bounds on Windows
JDK-8365656	[ubsan] G1CSetCandidateGroup::liveness() reports division by 0

Issue ID	Summary
JDK-8365660	test/jdk/sun/security/pkcs11/KeyAgreement/ tests skipped without SkipException
JDK-8365671	Typo in Joiner.allUntil example
JDK-8365673	Incorrect number of cores are reported on Ryzen CPU
JDK-8365675	Add String Unicode Case-Folding Support
JDK-8365676	javac incorrectly allows calling interface static method via type variable
JDK-8365689	Elements.getFileObjectOf fails with a NullPointerException when an erroneous Element is passed in
JDK-8365699	Remove jdk.internal.javac.PreviewFeature.Feature enum values for features finalized in Java 25 or earlier
JDK-8365700	Jar --validate without any --file option leaves around a temporary file /tmp/tmpJar<number>.jar
JDK-8365703	Refactor ZipCoder to use common JLA.uncheckedNewStringNoRepl
JDK-8365708	Add missing @Override annotations to WindowsMenuItemUIAccessor
JDK-8365711	Declare menuBarHeight and hotTrackingOn private

Issue ID	Summary
JDK-8365719	Refactor uses of JLA.uncheckedNewStringNoRepl
JDK-8365726	Test crashed with assert in C1 thread: Possible safepoint reached by thread that does not allow it
JDK-8365765	thread.inline.hpp includes the wrong primary header file
JDK-8365772	RISC-V: correctly prereserve NaN payload when converting from float to float16 in vector way
JDK-8365776	Convert JShell tests to use JUnit instead of TestNG
JDK-8365780	G1: Remset for young regions are cleared too early during Full GC
JDK-8365782	Remove unnecessary inclusion of <stdlib.h> in jfrOSInterface.cpp
JDK-8365790	Shutdown hook for application image does not work on Windows
JDK-8365791	IGV: Update build dependencies
JDK-8365792	GenShen: assertion "Generations aren't reconciled"
JDK-8365794	StreamLimitTest vs H3StreamLimitReachedTest: consider renaming or merging

Issue ID	Summary
JDK-8365807	(fs) Two-arg UnixFileAttributes.getIfExists should not use exception for control flow
JDK-8365811	test/jdk/java/net/CookieHandler/B6644726.java failure - "Should have 5 cookies. Got only 4, expires probably didn't parse correctly"
JDK-8365814	Consolidate has_been_archived() and has_been_buffered() in ArchiveBuilder
JDK-8365815	JFR: Update metadata.xml with 'jfr query' examples
JDK-8365820	Apply certificate scope constraints to algorithms in "signature_algorithms" extension when "signature_algorithms_cert" extension is not being sent
JDK-8365823	Revert storing abstract and interface Classes to non-class metaspace
JDK-8365829	Multiple definitions of static 'phase_names'
JDK-8365832	Optimize FloatingDecimal and DigitList with byte[] and cleanup
JDK-8365834	Mark java/net/httpclient/ManyRequests.java as intermittent
JDK-8365841	RISC-V: Several IR verification tests fail after JDK-8350960 without Zvfh
JDK-8365844	RISC-V: TestBadFormat.java fails when running without RVV

Issue ID	Summary
JDK-8365858	FilteredJavaFieldStream is unnecessary
JDK-8365861	test/jdk/sun/security/pkcs11/Provider/ tests skipped without SkippedException
JDK-8365863	/test/jdk/sun/security/pkcs11/Cipher tests skip without SkippedException
JDK-8365878	jshell TOOLING's javap should use binary names
JDK-8365880	Shenandoah: Unify memory usage accounting in ShenandoahFreeSet
JDK-8365885	Clean up constant pool reflection native code
JDK-8365886	JSplitPane loses track of the left component when the component orientation is changed
JDK-8365891	failed: Completed task should not be in the queue
JDK-8365893	test/jdk/java/lang/Thread/virtual/JfrEvents.java failing intermittently
JDK-8365896	Remove unnecessary explicit buffer null-termination after using os::snprintf
JDK-8365898	Specification of java.lang.module.ModuleDescriptor.packages() method can be improved
JDK-8365909	[REDO] Add a compilation timeout flag to catch long running compilations

Issue ID	Summary
JDK-8365910	[BACKOUT] Add a compilation timeout flag to catch long running compilations
JDK-8365911	AArch64: Fix encoding error in sve_cpy for negative floats
JDK-8365913	Support latest MSC_VER in abstract_vm_version.cpp
JDK-8365917	Sort share/logging includes
JDK-8365919	Replace currentTimeMillis with nanoTime in Stresser.java
JDK-8365922	Parallel: Group uses of GCTimeRatio to a single location
JDK-8365926	RISC-V: Performance regression in renaissance (chi-square)
JDK-8365932	Implementation of JEP 516: Ahead-of-Time Object Caching with Any GC
JDK-8365937	post_method_exit might incorrectly set was_popped_by_exception and value in the middle of stack unwinding
JDK-8365939	[Redo] G1: Move collection set related full gc reset code into abandon_collection_set() method
JDK-8365940	Misleading macro in jvm_md.h:57

Issue ID	Summary
JDK-8365953	Key manager returns no certificates when handshakeSession is not an ExtendedSSLSession
JDK-8365956	GenShen: Adaptive tenuring threshold algorithm may raise threshold prematurely
JDK-8365972	JFR: ThreadDump and ClassLoaderStatistics events may cause back to back rotations
JDK-8365975	Sort share/memory includes
JDK-8365976	G1: Full gc should mark nmethods on stack
JDK-8365983	Tests should throw SkippedException when SCTP not supported
JDK-8365994	ZGC: Incorrect type signature in ZMappedCache comparator
JDK-8366002	Beans.instantiate needs to describe the lookup procedure
JDK-8366017	Extend the set of inputs handled by fast paths in FloatingDecimal
JDK-8366024	Remove unnecessary InstanceKlass::cast()
JDK-8366028	MethodType::fromMethodDescriptorString should not throw UnsupportedOperationException for invalid descriptors
JDK-8366029	Do not add -XX:VerifyArchivedFields by default to CDS tests

Issue ID	Summary
JDK-8366031	Mark com/sun/nio/sctp/SctpChannel/CloseDescriptor.java as intermittent
JDK-8366035	Simplify CPUTimeCounters::publish_gc_total_cpu_time
JDK-8366037	Remove oopDesc::mark_addr()
JDK-8366038	Thread::SpinRelease should use Atomic::release_store
JDK-8366040	Change URL.lookupViaProviders to use ScopedValue to detect recursive lookup
JDK-8366057	HotSpot Style Guide should permit trailing return types
JDK-8366062	[ubsan] add non-zero offset to nullptr in cds/archiveBuilder.cpp
JDK-8366063	Parallel: Refactor copy_unmarked_to_survivor_space
JDK-8366082	Improve queue size computation in CPU-time sampler
JDK-8366092	[GCC static analyzer] UnixOperatingSystem.c warning: use of uninitialized value 'systemTicks'
JDK-8366094	Sealed graph for nested types creates broken links

Issue ID	Summary
JDK-8366101	Replace the use of ThreadTracker with ScopedValue in java.util.jar.JarFile
JDK-8366102	Clarification Needed: Symbolic Link Handling in File API Specifications
JDK-8366105	Update link to the external RuleBasedBreakIterator documentation
JDK-8366118	DontCompileHugeMethods is not respected with -XX:-TieredCompilation
JDK-8366121	Hotspot Style Guide should document conventions for lock-free code
JDK-8366126	Feedback on two errors in JSR 400
JDK-8366127	RISC-V: compiler/intrinsics/TestVerifyIntrinsicChecks.java fails when running without RVV
JDK-8366128	jdk/jdk/nio/zipfs/TestPosix.java::testJarFile uses wrong file
JDK-8366131	ProblemList java/rmi/transport/checkLeaseInfoLeak/CheckLeaseLeak.java
JDK-8366145	G1: Help diagnose ubsan division by zero in computing pause time ratios (g1Analytics.cpp)
JDK-8366147	ZGC: ZPageAllocator::cleanup_failed_commit_single_partition may leak memory

Issue ID	Summary
JDK-8366149	JNI exception pending in Java_sun_awt_X11GraphicsDevice_pGetBounds of awt_GraphicsEnv.c:1484
JDK-8366154	Validate thread type requirements in debug commands
JDK-8366155	Serial: Obsolete PretenureSizeThreshold
JDK-8366157	Clarify in man pages that only G1 and Parallel supports MaxGCPauseMillis
JDK-8366159	SkippedException is treated as a pass for pkcs11/KeyStore, pkcs11/SecretKeyFactory and pkcs11/SecureRandom
JDK-8366178	Implement JEP 526: Lazy Constants (Second Preview)
JDK-8366182	Some PKCS11Tests are being skipped when they shouldn't
JDK-8366193	Add comments about ResolvedFieldEntry::copy_from()
JDK-8366195	Remove unnecessary quotes around -Tasm64 assembler argument
JDK-8366196	Crash in AbstractMethodCheck.getMethodCheckFailure
JDK-8366208	Unexpected exception in sun.java2d.cmm.lcms.LCMSImageLayout

Issue ID	Summary
JDK-8366222	TestCompileTaskTimeout causes asserts after JDK-8365909
JDK-8366223	ZGC: ZPageAllocator::cleanup_failed_commit_multi_partition is broken
JDK-8366224	Introduce DecimalDigits.appendPair for efficient two-digit formatting and refactor DateTimeHelper
JDK-8366225	Linux Alpine (fast)debug build fails after JDK-8365909
JDK-8366229	runtime/Thread/TooSmallStackSize.java runs with all collectors
JDK-8366238	Improve RBTree API with stricter comparator semantics and pluggable validation/printing hooks
JDK-8366240	Improve memory ordering in new CPU Time Profiler
JDK-8366244	TLS1.3 ChangeCipherSpec message received after the client's Finished message should trigger a connection abort with "unexpected message"
JDK-8366254	(fs) UnixException.translateToIOException should translate ELOOP to FileSystemLoopException
JDK-8366255	Remove 'package_to_module' function from imageFile.cpp

Issue ID	Summary
JDK-8366261	Provide utility methods for sun.security.util.Password
JDK-8366264	tools/javac/launcher/SourceLauncherStackTraceTest.java does not cover the scenario for 8362237
JDK-8366278	Form control element <select> has no associated label
JDK-8366298	FDLeakTest sometimes takes minutes to complete on Linux
JDK-8366331	Sort share/prims includes
JDK-8366333	AArch64: Enhance SVE subword type implementation of vector compress
JDK-8366341	[BACKOUT] JDK-8365256: RelocIterator should use indexes instead of pointers
JDK-8366342	Key generator and key pair generator tests skipping, but showing as passed
JDK-8366357	C2 SuperWord: refactor VTransformNode::apply with VTransformApplyState
JDK-8366359	Test should throw SkippedException when there is no lpstat
JDK-8366361	C2 SuperWord: rename VTransformNode::set_req → init_req, analogue to Node::init_req

Issue ID	Summary
JDK-8366363	MemBaseline accesses VMT without using lock
JDK-8366364	Return enabled signature schemes with SSLConfiguration#getSSLParameters() call
JDK-8366365	[test] test/lib-test/jdk/test/whitebox/CPUInfoTest.java should be updated
JDK-8366369	Add @requires linux for GTK L&F tests
JDK-8366375	Collator example for SECONDARY uses wrong code point
JDK-8366399	Allow custom base reference for update_copyright_year.sh
JDK-8366400	JCK test api/java_text/DecimalFormat/Parse.html fails after JDK-8363972
JDK-8366401	JCK test api/java_text/DecimalFormatSymbols/serial/InputTests.html fails after JDK-8363972
JDK-8366420	AOTMapTest fails when default jsa is missing from JDK
JDK-8366421	ModifiedUtf.utfLen may overflow for giant string
JDK-8366424	Missing type profiling in generated Record Object methods

Issue ID	Summary
JDK-8366427	C2 SuperWord: refactor VTransform scalar nodes
JDK-8366434	THP not working properly with G1 after JDK-8345655
JDK-8366446	Test java/awt/geom/ConcurrentDrawPolygonTest.java fails intermittently
JDK-8366454	TLS1.3 server fails with bad_record_mac when receiving encrypted records with empty body
JDK-8366455	Move VarHandles.GuardMethodGenerator to execute on build
JDK-8366456	Allow AllocFailStrategy for RBTREE
JDK-8366461	Remove obsolete method handle invoke logic
JDK-8366462	Test gc/z/TestCommitFailure.java#Normal failed: expected output missing
JDK-8366474	Rename MetaspaceObj::is_shared() to MetaspaceObj::in_aot_cache()
JDK-8366475	Rename MetaspaceShared class to AOTMetaspace
JDK-8366476	Test gc/z/TestSmallHeap.java fails OOM with many NUMA nodes
JDK-8366477	Refactor AOT-related flag bits in klass.hpp

Issue ID	Summary
JDK-8366483	ShowRegistersOnAssertTest uses wrong register pattern string for Windows on AArch64
JDK-8366486	Test <code>jdk/jfr/event/profiling/TestCPUTimeSampleMultipleRecordings.java</code> is timing out
JDK-8366488	JVM_FindClassFromClass should assert that from class is never null
JDK-8366490	C2 SuperWord: wrong result because CastP2X is missing ctrl and floats over SafePoint creating stale oops
JDK-8366498	Simplify ClassFileParser::parse_super_class
JDK-8366517	Refine null locale processing of ctor/factory methods in Date/DecimalFormatSymbols
JDK-8366537	Test <code>"java/util/TimeZone/DefaultTimeZoneTest.java"</code> is not updating the zone ID as expected
JDK-8366543	Clean up include headers in numberSeq
JDK-8366544	Parallel: Inline PSParallelCompact::invoke_no_policy
JDK-8366556	Sort share/runtime includes
JDK-8366558	Gtests leave <code>/tmp/cgroups-test*</code> files
JDK-8366561	Improve documentation for how the <code>-Xlint</code> flag works

Issue ID	Summary
JDK-8366569	Disable CompileTaskTimeout for known long-running test cases
JDK-8366575	Remove SDP support
JDK-8366577	Deprecate java.net.Socket::setPerformancePreferences
JDK-8366578	Remove the field tagSize in various QuicPacketEncoder.OutgoingQuicPacket subclasses
JDK-8366582	Test jdk/jshell/ToolSimpleTest.java failed: provider not found
JDK-8366584	Add an InstanceKlass::super() method that returns InstanceKlass*
JDK-8366588	VectorAPI: Re-intrinsicify VectorMask.laneltsSet where the input index is a variable
JDK-8366658	Add missing locks when accessing the VirtualMemoryTracker instance in tests and MemMapPrinter
JDK-8366660	Sort share/nmt includes
JDK-8366666	Bump timeout on StressAsyncUL
JDK-8366678	Use JUnit in test/langtools/tools/javac
JDK-8366688	G1: Rename G1HeapRegionRemSet::is_added_to_cset_group() to has_cset_group()

Issue ID	Summary
JDK-8366691	JShell should support a more convenient completion
JDK-8366692	Several gc/shenandoah tests timed out
JDK-8366693	Backout recent JavaLangAccess changes breaking the build
JDK-8366694	Test JdbStopInNotificationThreadTest.java timed out after 60 second
JDK-8366695	Test sun/jvmsstat/monitor/MonitoredVm/MonitorVmS tartTerminate.java timed out
JDK-8366702	C2 SuperWord: refactor VTransform vector nodes
JDK-8366704	Bump timeout on TestInheritFD
JDK-8366716	Move SmapsParser from runtime/os/TestTracePageSizes.java into testlib
JDK-8366733	Re-examine older java.text NF, DF, and DFS serialization tests
JDK-8366747	RISC-V: Improve VerifyMethodHandles for method handle linkers
JDK-8366750	Remove test 'java/awt/Choice/ChoiceMouseWheelTest/ChoiceMouseWheelTest.java' from problemist

Issue ID	Summary
JDK-8366764	Deproblemlist java/awt/ScrollPane/ScrollPositionTest.java
JDK-8366765	[REDO] Rename JavaLangAccess::*NoRepl methods
JDK-8366768	Problemlist jdk/jshell/ToolSimpleTest.java
JDK-8366775	TestCompileTaskTimeout should use timeoutFactor
JDK-8366777	Build fails unknown pseudo-op with old AS on linux-aarch64
JDK-8366778	Sort share/asm, share/gc, share/include includes
JDK-8366780	Enhance ProcSmapsParser and Printer to handle THPEligible field
JDK-8366781	Parallel: Include OS free memory in GC selection heuristics
JDK-8366803	Bump timeout on sun/tools/jhsdb/BasicLauncherTest.java
JDK-8366809	JFR: Use factory for aggregator functions
JDK-8366817	test/jdk/javax/net/ssl/TLSCommon/interop/JdkP rocServer.java and JdkProcClient.java should not delete logs
JDK-8366829	Add java.time.Duration constants MIN and MAX

Issue ID	Summary
JDK-8366833	Poly1305 does not always correctly update position for array-backed ByteBuffers after processMultipleBlocks
JDK-8366836	Don't execute post-IncludeCustomExtension if file was not included
JDK-8366837	Clean up gensrc by spp.Spp
JDK-8366844	Update and automate MouseDraggedOriginatedByScrollBarTest.java
JDK-8366845	C2 SuperWord: wrong VectorCast after VectorReinterpret with swapped src/dst type
JDK-8366847	JFR reports incorrect number of cores on hybrid CPU
JDK-8366849	Problemlist jdk/jshell/ToolSimpleTest.java as generic-all
JDK-8366850	Test com/sun/jdi/JdbStopInNotificationThreadTest.java failed
JDK-8366852	java/awt/Choice/ChoiceMouseWheelTest/ChoiceMouseWheelTest.java test is failing
JDK-8366854	Extend jtreg failure handler with THP info
JDK-8366864	Sort os/linux includes
JDK-8366865	Allocation GC Pauses Triggered after JVM has started shutdown

Issue ID	Summary
JDK-8366871	(javac) legacy.properties seems to be an obsolete file
JDK-8366872	Wrong number of template arguments in test in test_rbtrees.cpp
JDK-8366874	Test gc/arguments/TestParallelGCergo.java fails with UseTransparentHugePages
JDK-8366875	CompileTaskTimeout should be reset for each iteration of RepeatCompilation
JDK-8366878	Improve flags of compiler/loopopts/superword/TestAlignVectorFuzzer.java
JDK-8366881	Parallel: Obsolete HeapMaximumCompactionInterval
JDK-8366884	NMT fails with MallocLimit: reached category "mtCompiler" limit
JDK-8366888	C2: incorrect assertion predicate with short running long counted loop
JDK-8366890	C2: Split through phi printing with TraceLoopOpts misses line break
JDK-8366893	java/lang/Thread/virtual/stress/GetStackTraceALotWhenPinned.java timed out on macos-aarch64
JDK-8366896	JFR: Use GarbageCollection.name in gc view

Issue ID	Summary
JDK-8366897	RBTreeTest.IntrusiveCustomVerifyTest and RBTreeTest.CustomVerify tests fail on non-debug builds
JDK-8366899	SetupExecute should add the command line to vardeps
JDK-8366905	Store AdapterBlob pointer in AdapterHandlerEntry
JDK-8366908	Use a different class for testing JDK-8351654
JDK-8366911	(fs) Remove support for normalizing file names to Unicode normalized form D (macOS)
JDK-8366925	Improper std::nothrow new expression in NativeHeapTrimmerThread ctor
JDK-8366926	Unexpected exception occurs when executing code in a "local" JShell environment
JDK-8366938	Test runtime/handshake/HandshakeTimeoutTest.java crashed
JDK-8366940	Test compiler/loopopts/superword/TestAliasingFuzzer.java timed out
JDK-8366941	Excessive logging in serviceability tests causes timeout
JDK-8366942	Dark mode pages briefly blink before going dark

Issue ID	Summary
JDK-8366948	AOT cache creation crashes when iterating training data
JDK-8366951	Test runtime/logging/StressAsyncUL.java is timing out
JDK-8366968	Exhaustive switch expression rejected by for not covering all possible values
JDK-8366971	C2: Remove unused nop_list from PhaseOutput::init_buffer
JDK-8366978	dead code in SunCertPathBuilder
JDK-8366980	TestTransparentHugePagesHeap.java fails when run with -UseCompressedOops
JDK-8366984	Remove delay slot support
JDK-8366990	C2: Compilation hits the memory limit when verifying loop opts in Split-If code
JDK-8367002	Missing compiled exception handler for "recursive" exception
JDK-8367005	ImageReader refactor caused performance regressions for startup and footprint
JDK-8367007	javadoc generation of JavaFX docs fails after fix for JDK-8350920
JDK-8367008	Algorithm identifiers for HmacSHA* should always have NULL as params

Issue ID	Summary
JDK-8367013	Add Atomic<T> to package/replace idiom of volatile var plus AtomicAccess:: operations
JDK-8367014	Rename class Atomic to AtomicAccess
JDK-8367017	Remove legacy checks from WrappedToolkitTest and convert from bash
JDK-8367021	Regression in LocaleDataTest refactoring
JDK-8367025	zIndexDistributor.hpp uses angle-bracket inclusion of globalDefinitions.hpp
JDK-8367026	Reorder the timeout failure handler commands to have jstack run before the rest
JDK-8367027	java/lang/ProcessBuilder/Basic.java fails on Windows AArch64
JDK-8367028	compiler/c2/irTests/TestFloat16ScalarOperations.java failing intermittently because of constant folding
JDK-8367031	[backout] Change java.time month/day field types to 'byte'
JDK-8367034	[REDO] Protect ExecuteWithLog from running with redirection without a subshell
JDK-8367035	[BACKOUT] Protect ExecuteWithLog from running with redirection without a subshell
JDK-8367048	RISC-V: Correct pipeline descriptions of the architecture

Issue ID	Summary
JDK-8367049	URLPermission.<init> throws StringIndexOutOfBoundsException in avm mode
JDK-8367051	Build failure with clang on linux and AIX after switch to C++17
JDK-8367059	DTLS: loss of NewSessionTicket message results in handshake failure
JDK-8367066	RISC-V: refine register selection in MacroAssembler:: decode_klass_not_null
JDK-8367067	Improve exception handling in HttpRequest.BodyPublishers
JDK-8367068	Remove redundant HttpRequest.BodyPublisher tests
JDK-8367085	Sort os/posix includes
JDK-8367096	jdk/open/test/jdk/sun/security/pkcs11/ rsa, ec, config, secmod and sslecc tests are skipping but showing as pass
JDK-8367098	RISC-V: sync CPU features with related JVM flags for dependant ones
JDK-8367101	Remove unused includes in cardTable.cpp
JDK-8367103	RISC-V: store cpu features in a bitmap
JDK-8367104	Check for RSASSA-PSS parameters when validating certificates against algorithm constraints

Issue ID	Summary
JDK-8367107	JFR: Refactor policy tests out of TestRemoteDump
JDK-8367112	HttpClient does not support Named Groups set on SSLParameters
JDK-8367114	Update jdk.test.lib.net.SimpleHttpServer to use SimpleFileServer
JDK-8367130	JDK builds broken by 8366837: Clean up gensrc by spp.Spp
JDK-8367131	Test com/sun/jdi/ThreadMemoryLeakTest.java fails on 32 bits
JDK-8367133	DTLS: fragmentation of Finished message results in handshake failure
JDK-8367135	Test compiler/loopstripmining/CheckLoopStripMinin g.java needs internal timeouts adjusted
JDK-8367137	RISC-V: Detect Zicboz block size via hwprobe
JDK-8367138	JNI exception pending in os_getCmdlineAndUserInfo of ProcessHandleImpl_macosx.c
JDK-8367142	Avoid InstanceKlass::cast when converting java mirror to InstanceKlass
JDK-8367149	Add convenient construction for creating ad-hoc VMErrorCallback

Issue ID	Summary
JDK-8367150	Add a header line to improve VMErrorCallback printing
JDK-8367157	Remove jrunscript tool
JDK-8367231	[BACKOUT] JDK-8366363: MemBaseline accesses VMT without using lock
JDK-8367237	Thread-Safety Usage Warning for java.text.Collator Classes
JDK-8367240	Parallel: Refactor PSScavengeCLDClosure
JDK-8367243	Format issues with dist dump debug output in PhaseGVN::dead_loop_check
JDK-8367249	[REDO] MemBaseline accesses VMT without using lock
JDK-8367253	RISC-V: refactor dependent cpu extensions
JDK-8367259	Clean up make/scripts and bin directory
JDK-8367268	Remove unused os::numa_topology_changed()
JDK-8367271	Add parsing tests to DateFormat JMH benchmark
JDK-8367277	Fix copyright header in JMXInterfaceBindingTest.java
JDK-8367278	Test compiler/startup/StartupOutput.java timed out after completion on Windows

Issue ID	Summary
JDK-8367279	Test tools/javac/tree/TreePosTest.java timed out
JDK-8367282	FORBID_C_FUNCTION needs exception spec consistent with library declaration
JDK-8367292	VectorAPI: Optimize VectorMask.fromLong/toLong() for SVE
JDK-8367293	RISC-V: enable vectorapi test for VectorMask.lanelsSet
JDK-8367297	Test com/sun/jdi/JdbStopInNotificationThreadTest.java can still fail after JDK-8366850
JDK-8367298	ZGC: Enhance zaddress type system's assert messages
JDK-8367302	New test jdk/jfr/event/profiling/TestCPUTimeSampleQueueAutoSizes.java from JDK-8366082 is failing
JDK-8367309	Test runtime/os/windows/TestAvailableProcessors.java fails to compile after mis-merge
JDK-8367313	CTW: Execute in AWT headless mode
JDK-8367317	ZGC: ZVirtualMemoryReserver::force_reserve_discontiguous arithmetic underflow

Issue ID	Summary
JDK-8367318	Test vmTestbase/nsk/jdi/MethodEntryRequest/addClassFilter_rt/filter_rt001/TestDescription.java timed out after passing
JDK-8367321	Fix CSS bugs in dark theme
JDK-8367324	Avoid redundant parsing when formatting with DigitList
JDK-8367325	[s390x] build failure due to JDK-8361376
JDK-8367333	C2: Vector math operation intrinsification failure
JDK-8367339	Parallel: Remove PSScavenge::should_scavenge
JDK-8367347	Serial: Refactor CLDScanClosure
JDK-8367348	Enhance PassFailJFrame to support links in HTML
JDK-8367365	java/math/BigInteger/BigIntegerTest.java failed in jtreg timeout
JDK-8367366	Do not support -XX:+AOTClassLinking for dynamic CDS archive
JDK-8367368	Add message for verify_legal_class_modifiers for inner classes
JDK-8367371	Remove @requires vm.opt.UseLargePages from InternSharedString.java test

Issue ID	Summary
JDK-8367372	Test test/hotspot/jtreg/gc/TestObjectAlignmentCardSize.java fails on 32 bit systems
JDK-8367376	Bad ButtonUI prevents other components from updating when system changes desktop properties
JDK-8367378	GenShen: Missing timing stats when old mark buffers are flushed during final update refs
JDK-8367382	Expand use of representation equivalence terminology
JDK-8367384	The ICC_Profile class may throw exceptions during serialization
JDK-8367389	C2 SuperWord: refactor VTransform to model the whole loop instead of just the basic block
JDK-8367391	Loss of precision on implicit conversion in vectornode.cpp
JDK-8367397	Improve naming and terminology in regmask.hpp and regmask.cpp
JDK-8367401	Parallel: Remove unused field in PSKeepAliveClosure
JDK-8367409	G1: Remove unused G1MonotonicArena::Segment::copy_to()
JDK-8367410	ZGC: Remove unused ZNmethodTable::wait_until_iteration_done()

Issue ID	Summary
JDK-8367413	Fix potential truncation error in Arguments::set_heap_size()
JDK-8367417	Serial: Use NMethodToOopClosure during Young GC
JDK-8367422	Parallel: Refactor local variables names in copy_unmarked_to_survivor_space
JDK-8367424	Cleanup unused time_remaining_ms update in G1CollectionSet::select_optional_groups
JDK-8367449	Test runtime/cds/CDSMapTest.java timed out but passed
JDK-8367450	Shenandoah: Log the composition of the collection set
JDK-8367451	GenShen: Remove the option to compute age census during evacuation
JDK-8367472	Swap conditions order in PSScavengeCLDOopClosure::do_oop(oop*)
JDK-8367473	Shenandoah: Make the detailed evacuation metrics a runtime diagnostic option
JDK-8367475	Incorrect lock usage in LambdaFormInvokers::regenerate_holder_classes
JDK-8367476	Shenandoah: Remove use of CollectedHeap::_soft_ref_policy

Issue ID	Summary
JDK-8367483	C2 crash in PhaseValues::type: assert(t != nullptr) failed: must set before get - missing notification for CastX2P(SubL(x, y))
JDK-8367485	os::physical_memory is broken in 32-bit JVMs when running on 64-bit OSES
JDK-8367486	Change prefix for platform-dependent AtomicAccess files
JDK-8367487	Test compiler/loopopts/superword/TestReinterpretAndCast.java fails on Linux aarch64 with Cavium CPU
JDK-8367499	Refactor exhaustiveness computation from Flow into a separate class
JDK-8367501	RISC-V: build broken after JDK-8365926
JDK-8367507	Parallel: Remove PSPromotionManager::drain_stacks_depth
JDK-8367531	Template Framework: use scopes and tokens instead of misbehaving immediate-return-queries
JDK-8367532	Declare all stubgen stub entries including internal cross-stub entries
JDK-8367536	Change RBTree to use C++17 features
JDK-8367552	JCmdTestFileSafety.java fails when run by root user

Issue ID	Summary
JDK-8367561	Getting some "header" property from a file:// URL causes a file descriptor leak
JDK-8367573	JNI exception pending in os_getCmdlineAndUserInfo of ProcessHandleImpl_aix.c
JDK-8367576	JvmtiThreadState::_debuggable is unused
JDK-8367583	sun/security/util/AlgorithmConstraints/InvalidCryptoDisabledAlgos.java fails after JDK-8244336
JDK-8367585	Prevent creation of unrepresentable Utf8Entry
JDK-8367597	Runtime.exit logging failed: Cannot invoke "java.lang.Module.getClassLoader()" because "m" is null
JDK-8367598	Switch to CRC32C for SEED calculation in jdk.test.lib.Utils
JDK-8367601	Remove held_monitor_count
JDK-8367609	serviceability/sa/ClhsdbPmap.java fails when built with Clang
JDK-8367610	Test tools/sincechecker/modules/java.base/JavaBaseCheckSince.java timed out on Windows
JDK-8367611	Enable vblendvp[sd] on Future ECore

Issue ID	Summary
JDK-8367613	Test compiler/runtime/TestDontCompileHugeMethods.java failed
JDK-8367614	Test vmTestbase/nsk/jdi/stress/serial/heapwalking001/TestDescription.java failed, passed and timed-out
JDK-8367616	RISC-V: Auto-enable Zicboz extension for debug builds
JDK-8367619	String.format in outOfRangeException uses wrong format specifier for String argument
JDK-8367626	Parallel: Remove ParallelCompactData::summarize_dense_prefix
JDK-8367629	Parallel: Remove logging in PSAdjustWeakRootsClosure
JDK-8367646	[GenShen] Control thread may overwrite gc cancellation cause set by mutator
JDK-8367651	Parallel: Remove workers number checking in constructor of PSAdjustTask
JDK-8367656	Refactor Constantpool's operand array into two
JDK-8367657	C2 SuperWord: NormalMapping demo from JVMLS 2025

Issue ID	Summary
JDK-8367689	Revert removal of several compilation-related vmStructs fields
JDK-8367690	C2: Unneeded branch in reduce_phi
JDK-8367692	RISC-V: Align post call nop
JDK-8367694	Fix jtreg test failure when Intel APX is enabled for KNL platforms
JDK-8367702	PrintJob.getGraphics() should return null after PrintJob.end
JDK-8367704	Fix minor documentation issues in java.time.**
JDK-8367708	GenShen: Reduce total evacuation burden
JDK-8367709	GenShen: Dirty cards for objects that get promoted by safepoint that intervenes between allocation and stores
JDK-8367719	Refactor JNI code that uses class_to_verify_considering_redefinition()
JDK-8367721	Test compiler/arguments/TestCompileTaskTimeout.java crashed: SIGSEGV
JDK-8367722	[GenShen] ShenandoahEvacuationStats is always empty
JDK-8367724	Remove Trailing Return Types from undecided list

Issue ID	Summary
JDK-8367725	Incorrect reading of oop in SuspendResumeManager::suspend while thread is blocked
JDK-8367728	IGV: dump node address type
JDK-8367731	G1: Make G1CollectionSet manage the young gen cset group
JDK-8367737	Parallel: Retry allocation after lock acquire in mem_allocate_work
JDK-8367739	Serial: Retry allocation after lock acquire in mem_allocate_work
JDK-8367740	assembler_<cpu>.inline.hpp should not include assembler.inline.hpp
JDK-8367743	G1: Use named constants for G1CSetCandidateGroup group ids
JDK-8367759	G1: Move G1UpdateRegionLivenessAndSelectForRebuild Task into its own file
JDK-8367772	Refactor createUI in PassFailJFrame
JDK-8367780	Enable UseAPX on Intel CPUs only when both APX_F and APX_NCI_NDD_NF cpuid features are present
JDK-8367782	VerifyJarEntryName.java: Fix modifyJarEntryName to operate on bytes and re-introduce verifySignatureEntryName

Issue ID	Summary
JDK-8367784	java/awt/Focus/InitialFocusTest/InitialFocusTest1.java failed with Wrong focus owner
JDK-8367787	Expand use of representation equivalence terminology in Float16
JDK-8367790	Remove java/awt/PopupMenu/PopupMenuLocation.java from ProblemList
JDK-8367795	HeadlessMalfunctionTest may fail due to timeout
JDK-8367796	Rename AtomicAccess gtests
JDK-8367801	jtreg failure_handler - don't use the -L option for ps command
JDK-8367848	Parallel: Use NMethodToOopClosure during Young GC
JDK-8367857	Implement JEP 525: Structured Concurrency (Sixth Preview)
JDK-8367859	Remove nio exception gensrc
JDK-8367860	Remove unused NMethodToOopClosure::fix_relocations
JDK-8367862	debug.cpp: Do not print help message for methods ifdef'd out
JDK-8367867	[macosx] Ignorable whitespace in text not removed when printing

Issue ID	Summary
JDK-8367869	Test java/io/FileDescriptor/Sync.java timed out
JDK-8367899	compiler/c2/gvn/TestBitCompressValueTransform.java intermittent timed out
JDK-8367901	Calendar.roll(hour, 24) returns wrong result
JDK-8367902	Allocation after Universe::before_exit() in the VM shutdown sequence
JDK-8367904	Test java/net/InetAddress/ptr/Lookup.java should throw SkippedException
JDK-8367910	Reduce warnings about unsupported classes in AOT cache creation
JDK-8367913	LIBDL dependency seems to be not needed for some jdk libs
JDK-8367927	Remove 8043571-related tests from problemlists
JDK-8367942	Add API note discussing Double.compareTo total order and IEEE 754 total order
JDK-8367943	PipedOutputStream write(0, 0) successful after close()
JDK-8367948	JFR: MethodTrace threshold setting has no effect
JDK-8367953	JFR sampler threads does not appear in thread dump

Issue ID	Summary
JDK-8367967	C2: "fatal error: Not monotonic" with Mod nodes
JDK-8367969	C2: compiler/vectorapi/TestVectorMathLib.java fails without UnlockDiagnosticVMOptions
JDK-8367972	ZGC: Reduce ZBarrierSet includes
JDK-8367976	Validate and clamp jdk.httpClient.bufsize
JDK-8367981	Update CompactHashtable for readability
JDK-8367982	Unify ObjectSynchronizer and LightweightSynchronizer
JDK-8367983	javax.management.monitor/ThreadPoolTest.java and StartStopTest.java fail with Unexpected Maximum Pool Size Overflow!
JDK-8367987	Memory leak in MemBaseline: Must delete _vma_allocations
JDK-8367988	NewFileSystemTests.readOnlyZipFileFailure fails when run by root user
JDK-8367989	Remove InstanceKlass::allocate_objArray and ArrayKlass::allocate_arrayArray
JDK-8368001	java/text/Format/NumberFormat/NumberRoundedTrip.java timed out
JDK-8368006	Parallel: Skip full regions in dense prefix during Full GC

Issue ID	Summary
JDK-8368015	Shenandoah: fix error in computation of average allocation rate
JDK-8368024	Remove StringConcatFactory#generateMHInlineCopy
JDK-8368029	Several tests in httpserver/simpleserver should throw SkipException
JDK-8368030	Make package bundlers stateless
JDK-8368032	Enhance Certificate Checking
JDK-8368050	Validation missing in ClassFile signature factories
JDK-8368071	Compilation throughput regressed 2X-8X after JDK-8355003
JDK-8368072	Remove redundant arguments of MarkingNMethodClosure
JDK-8368073	PKCS11 HKDF can't use byte array IKM in FIPS mode
JDK-8368080	G1: Unnecessary initialization of G1CMTask's mark stats table
JDK-8368086	G1: Use ThreadsClaimTokenScope in G1CMRemarkTask
JDK-8368087	ZGC: Make ZStatLoad::print() logging conditional on os::loadavg support

Issue ID	Summary
JDK-8368089	G1: G1PeriodicGCTask::should_start_periodic_gc may use uninitialised value if os::loadavg is unsupported
JDK-8368093	Remove Stream::createPseudoHeaders
JDK-8368094	Fix problem list errors
JDK-8368097	[asan] heap-buffer-overflow reported in ClassFileParser::skip_over_field_signature
JDK-8368098	(aio) java/nio/channels/Channels/AsyncCloseStreams.java fails in junit timeout
JDK-8368102	Don't store macros in spec.gmk
JDK-8368104	Parallel: Refactor PThreadRootsTaskClosure
JDK-8368124	Show useful thread names in ASAN reports
JDK-8368152	Shenandoah: Incorrect behavior at end of degenerated cycle
JDK-8368156	java/nio/file/Files/IsSameFile.java failing (win)
JDK-8368159	Significant performance overhead when started with jdwp agent and unattached debugger
JDK-8368172	Make java.time.format.DateTimePrintContext immutable

Issue ID	Summary
JDK-8368174	Proactive initialization of @AOTSafeClassInitializer classes
JDK-8368178	Add specialization of SequencedCollection methods to standard list factories
JDK-8368181	ProblemList java/awt/Dialog/ModalExcludedTest/ModalExcludedTest.java
JDK-8368182	AOT cache creation fails with class defined by JNI
JDK-8368185	Test javax/swing/plaf/synth/SynthButtonUI/6276188/bug6276188.java failed: Synth ButtonUI does not handle PRESSED & MOUSE_OVER state
JDK-8368192	Test java/lang/ProcessBuilder/Basic.java#id0 fails with Exception: Stack trace
JDK-8368199	Add @AOTSafeClassInitializer to jdk.internal.access.SharedSecrets
JDK-8368205	[TESTBUG] VectorMaskCompareNotTest.java crashes when MaxVectorSize=8
JDK-8368206	RISC-V: compiler/vectorapi/VectorMaskCompareNotTest.java fails when running without RVV
JDK-8368212	ZGC: Fix spelling and typos in comments

Issue ID	Summary
JDK-8368213	ZGC: Cleanup dead code, unimplemented declarations, unused private fields
JDK-8368214	ZGC: Remove double newlines
JDK-8368226	Remove Thread.stop
JDK-8368247	RISC-V: enable vectorapi test for expand operation
JDK-8368249	HttpClient: Translate exceptions thrown by sendAsync
JDK-8368250	[AIX] now ubsan vptr check is also possible (follow up of JDK-8354686)
JDK-8368251	Parallel: Refactor lgrp_id used in MutableNUMASpace
JDK-8368261	Serial: Use more precise nmethod scope during Full GC marking
JDK-8368273	LIBPTHREAD dependency is not needed for some jdk libs
JDK-8368298	ProblemList: Test java/lang/ProcessBuilder/Basic.java
JDK-8368301	sun/security/util/math/intpoly compiler warnings
JDK-8368303	AlwaysAtomicAccesses is excessively strict
JDK-8368307	Shenandoah: get_next_bit_impl should special case weak and strong mark bits

Issue ID	Summary
JDK-8368308	ISO 4217 Amendment 180 Update
JDK-8368312	Move CC_OUT_OPTION out of spec.gmk
JDK-8368321	Rethink compilation delay strategy for lukewarm methods
JDK-8368326	Don't export unresolved make variables from configure
JDK-8368328	CompactNumberFormat.clone does not produce independent instances
JDK-8368331	ClassFile Signature parsing fails for type parameter with no supertype
JDK-8368335	Refactor the rest of Locale TestNG based tests to JUnit
JDK-8368345	Remove leftover includes of strongRootsScope.hpp
JDK-8368357	Some source files have initial blank lines
JDK-8368365	ASAN errors should produce hs-err files and core dumps
JDK-8368366	RISC-V: AlignVector is mistakenly set to AvoidUnalignedAccesses
JDK-8368367	Test jdk/jfr/event/gc/detailed/TestGCHeapMemoryUsageEvent.java fails jdk.GCHeapMemoryUsage "expected 0 > 0"

Issue ID	Summary
JDK-8368373	Test H3MalformedResponseTest.testMalformedResponse intermittent timed out
JDK-8368468	Split out everything but configure results from spec.gmk
JDK-8368498	Use JUnit instead of TestNG for jdk_text tests
JDK-8368499	GenShen: Do not collect age census during evac when adaptive tenuring is disabled
JDK-8368500	ContextClassLoader cannot be reset on threads in ForkJoinPool.commonPool()
JDK-8368501	Shenandoah: GC progress evaluation does not use generation
JDK-8368514	TLS stateless session ticket decryption fails on some providers
JDK-8368518	[s390x] test failure with failed: wrong size of mach node
JDK-8368520	TLS 1.3 KeyUpdate fails with SunPKCS11 provider
JDK-8368522	(fs) BasicFileAttributes Linux musl 1.2.5 incompatibility with statx
JDK-8368525	nmethod ic cleanup
JDK-8368527	JMX: Add an MXBeans method to query GC CPU time

Issue ID	Summary
JDK-8368528	HttpClient.Builder.connectTimeout should accept arbitrarily large values
JDK-8368546	java/net/httpclient/RedirectTimeoutTest.java fails intermittently for HTTP/3 in tier7
JDK-8368551	Core dump warning may be confusing
JDK-8368552	H3ErrorHandlingTest.testCloseControlStream intermittent timed out
JDK-8368563	JFR: Improve jfr query help text
JDK-8368565	Adjust comment regarding dependency of libjvm.so to librt
JDK-8368573	MultiBranchNode::required_outcnt should return an unsigned int
JDK-8368576	PrintJob.getGraphics() does not specify behavior after PrintJob.end()
JDK-8368599	ShenandoahConcurrentMark could use ThreadsClaimTokenScope
JDK-8368606	Printer lookup returns empty on AIX platform due to uninitialized results list
JDK-8368615	VSCoDe IDE: Oracle Java extension routinely runs out of memory
JDK-8368616	runtime/cds/appcds/aotCache/JavaAgent.java#dynamic fails on non CDS platforms/builds after JDK-8362561

Issue ID	Summary
JDK-8368625	com/sun/net/httpserver/ServerStopTerminationTest.java fails intermittently
JDK-8368630	java/net/httpclient/http3/H3ServerPushTest.java succeeds but fails in jtreg timeout
JDK-8368633	(fs) Path.toRealPath(NOFOLLOW_LINKS) very slow on macOS
JDK-8368668	Several vmTestbase/vm/gc/compact tests timed out on large memory machine
JDK-8368670	Deadlock in JFR on event register + class load
JDK-8368674	Incremental builds keep rebuilding interim jmod
JDK-8368675	IGV: nodes are wrongly marked as changed in the difference view
JDK-8368677	acvp test should throw SkippedException when no ACVP-Server available
JDK-8368681	Shenandoah: Add documentation comments for ShenandoahAllocationRate
JDK-8368683	[process] Increase jtreg debug output maxOutputSize for TreeTest
JDK-8368693	Duplicate methods in vmClasses
JDK-8368694	PKCS11-NSS generic keys generated by DH have leading zeroes stripped

Issue ID	Summary
JDK-8368698	runtime/cds/appcds/aotCache/OldClassSupport.java assert(can_add()) failed: Cannot add TrainingData objects
JDK-8368699	nsk/jvmti/scenarios/events/EM04/em04t001/em04t001.cpp destroys jvmti monitor when VM is dead
JDK-8368714	[BACKOUT] JDK-8368468 Split out everything but configure results from spec.gmk
JDK-8368715	Serial: Add GCTraceTime for marking from roots subphases during full gc marking
JDK-8368727	CDS custom loader support causes asserts during class unloading
JDK-8368729	Add appropriate checks in java.awt.image.Kernel constructor
JDK-8368732	RISC-V: Detect support for misaligned vector access via hwprobe
JDK-8368739	[AIX] java/net/httpclient/http3/H3SimpleGet.java#useNioSelector and #with-continuations fail
JDK-8368740	Serial: Swap eden and survivor spaces position in young generation
JDK-8368752	Serial: Remove unused arg of DefNewGeneration::gc_epilogue
JDK-8368753	IGV: improve CFG view of difference graphs

Issue ID	Summary
JDK-8368754	runtime/cds/appcds/SignedJar.java log regex is too strict
JDK-8368775	Remove outdated comment in OutlineTextRenderer
JDK-8368780	IGV: Upgrade to Netbeans Platform 27
JDK-8368781	PerfMemory - make issues more transparent
JDK-8368787	Error reporting: hs_err files should show instructions when referencing code in nmethods
JDK-8368793	java/lang/StringBuilder/RacingSBThreads.java timed out in Xcomp subtest
JDK-8368809	JFR: Remove events from testSettingConfiguration in TestActiveSettingEvent
JDK-8368817	Convert JDK_Version::to_string to use stringstream instead of jio_snprintf-chain
JDK-8368821	Test java/net/httpclient/http3/GetHTTP3Test.java intermittently fails with java.io.IOException: QUIC endpoint closed
JDK-8368822	Refactor Float16.valueOf(double)
JDK-8368825	Use switch expression for DateTimeFormatterBuilder pattern character lookup

Issue ID	Summary
JDK-8368842	Parallel: Refactor PCAddThreadRootsMarkingTaskClosure
JDK-8368845	x-IBM930 uses incorrect character for Hex 42 60
JDK-8368846	java/io/File/createTempFile/TargetDirectory fails when run by root user
JDK-8368848	JShell's code completion not always working for multi-snippet inputs
JDK-8368856	Add a method that performs saturating addition of a Duration to an Instant
JDK-8368861	[TEST] compiler/floatingpoint/ScalarFPtoIntCastTest.ja va expects x86 IR on non-x86 platforms
JDK-8368866	compiler/codecache/stress/UnexpectedDeopti mizationTest.java intermittent timed out
JDK-8368877	Generate Jextract bindings for Kqueue
JDK-8368882	NPE during text drawing on machine with JP locale
JDK-8368885	NMT CommandLine tests can check for error better
JDK-8368890	open/test/jdk/tools/jpackage/macosx/NameWit hSpaceTest.java fails randomly
JDK-8368892	Make JEditorPane/TestBrowserBGColor.java headless

Issue ID	Summary
JDK-8368893	RISC-V: crash after JDK-8352673 on fastdebug version
JDK-8368897	RISC-V: Cleanup RV_EXT_FEATURE_FLAGS & RV_NON_EXT_FEATURE_FLAGS
JDK-8368907	(fs) Windows Error code 1314 not translated to AccessDeniedException (win)
JDK-8368938	Remove ObjectWaiter::badObjectWaiterPtr
JDK-8368940	Missing ResourceMark when stalling for shutdown
JDK-8368950	RISC-V: fail to catch out of order declarations among dependent cpu extensions/flags
JDK-8368953	Document the reason why Serial/Parallel/G1 use zero as dirty card value
JDK-8368954	G1: Document why G1 uses TLS storage for the current card table reference
JDK-8368957	Remove metaprogramming/logical.hpp in favor of C++17 facilities
JDK-8368960	Adjust java UL logging in the build
JDK-8368961	Remove redundant checks in ciField.cpp
JDK-8368962	hotspot/cpu/aarch64/bytecodes_aarch64.{hpp, cpp} is unused
JDK-8368966	Remove spurious VMStructs friends

Issue ID	Summary
JDK-8368968	FloatingDecimal: Clean up unused code
JDK-8368975	Windows ProcessImpl.java has dead code
JDK-8368981	Case Fold Locale Legacy Tags On Demand
JDK-8368982	Test sun/security/tools/jarsigner/EC.java completed and timed out
JDK-8368984	Extra slashes in Cipher transformation leads to NSPE instead of NSAE
JDK-8368985	Small Float16 refactorings
JDK-8368989	Use NMethodMarkingScope and ThreadsClaimTokenScope in shenandoahSTWMark
JDK-8368997	AIX allows reading from address zero which leads to several ubsan findings
JDK-8368999	jshell crash when existing sealed class is updated to also be abstract
JDK-8369002	Extract the loop →is_member(get_loop(get_ctrl(node))) pattern in a new function
JDK-8369013	Shenandoah: passive mode should support enabling ShenandoahCardBarrier
JDK-8369019	Improve timed-park mechanism in ObjectMonitor for virtual thread support

Issue ID	Summary
JDK-8369027	Apply java.io.Serial annotations in java.scripting
JDK-8369032	Add test to ensure serialized ICC_Profile stores only necessary optional data
JDK-8369033	Remove dead code in training data
JDK-8369037	Identify owning method for MethodData and MethodCounters in AOT map output
JDK-8369038	Parallel: Use NMethodMarkingScope and ThreadsClaimTokenScope in psParallelCompact
JDK-8369039	JDK-8348611 caused regression in Javac-Hot-Generate
JDK-8369041	Release memory after testing in ThreadsRunner.java
JDK-8369050	DecimalFormat Rounding Errors for Fractional Ties Near Zero
JDK-8369051	More small Float16 refactorings
JDK-8369068	GenShen: Generations still aren't reconciled assertion failure
JDK-8369078	Fix faulty test conversion in IllegalCharsetName.java
JDK-8369080	Use uname -m for devkit cpu detection

Issue ID	Summary
JDK-8369097	Parallel: Support allocation in from space when heap is too full
JDK-8369111	G1: Determining concurrent start uses inconsistent predicates
JDK-8369123	Still more small Float16 refactorings
JDK-8369128	ProblemList jdk/jfr/event/profiling/TestCPUTimeSampleQueueAutoSizes.java in Xcomp configs
JDK-8369129	Raster createPackedRaster methods specification clean up
JDK-8369132	Disable vmTestbase/gc/vector/CircularListLow and LinearListLow with SerialGC
JDK-8369133	Disable gc/g1/TestShrinkAuxiliaryDataRunner.java with UseLargePages option
JDK-8369138	New test compiler/loopstripmining/MissingStoreAfterOuterStripMinedLoop.java fails
JDK-8369146	java/awt/PrintJob/GetGraphicsTest.java: Parse Exception: Invalid or unrecognized bugid: 50510568367702
JDK-8369147	Various issues with new tests added by JDK-8316694
JDK-8369152	Problem list new tests from JDK-8316694

Issue ID	Summary
JDK-8369167	C2: refactor LShiftINode/LShiftLNode Value/Identity/Ideal
JDK-8369178	G1: Use NMethodMarkingScope and ThreadsClaimTokenScope in G1RootProcessor
JDK-8369184	SimpleTimeZone equals() Returns True for Unequal Instances with Different hashCode Values
JDK-8369186	HotSpot Style Guide should permit some uses of the C++ Standard Library
JDK-8369187	Add wrapper for <new> that forbids use of global allocation and deallocation functions
JDK-8369188	Update link-time check for HotSpot uses of allocation and deallocation functions
JDK-8369190	JavaFrameAnchor on AArch64 has unnecessary barriers and wrong store order in MacroAssembler
JDK-8369206	jpackage should not set R/O permission on app launchers
JDK-8369211	AArch64: Devirtualize class RelocActions
JDK-8369219	JNI::RegisterNatives causes a memory leak in CodeCache
JDK-8369226	GHA: Switch to MacOS 15
JDK-8369227	Virtual thread stuck in PARKED state

Issue ID	Summary
JDK-8369230	com/sun/jdi/SimulResumerTest.java timed out
JDK-8369232	testlibrary_tests/ir_framework/tests/TestScenariosCrossProduct.java timed out
JDK-8369236	testlibrary_tests/ir_framework/tests/TestCompileThreshold.java timed out
JDK-8369238	Allow virtual thread preemption on some common class initialization paths
JDK-8369242	Rename URL variables in devkit/Tools.gmk
JDK-8369246	Use https in make/devkit scripts
JDK-8369250	Assess and remedy any unsafe usage of the Semaphore used by NonJavaThread::List
JDK-8369251	Opensource few tests
JDK-8369255	Assess and remedy any unsafe usage of the Semaphores used by JFR
JDK-8369257	PPC: compiler/whitebox/RelocateNMethodMultiplePaths.java fails with assertion
JDK-8369258	C2: enable ReassociateInvariants for all loop types
JDK-8369263	Parallel: Inline PSPromotionManager::push_depth
JDK-8369277	Remove unused CodeCacheUnloadingTask::_num_workers

Issue ID	Summary
JDK-8369282	Distrust TLS server certificates anchored by Chunghwa ePKI Root CA
JDK-8369283	Improve trace logs in safepoint machinery
JDK-8369286	Parallel: Assertion failure in mutableNUMASpace
JDK-8369291	Test java/net/httpclient/http3/H3DataLimitsTest.java fails in quic connection timeout with linux fastdebug builds
JDK-8369296	Add fast class init checks in interpreter for resolving ConstantPool entries for static field
JDK-8369305	Adjust usage of CDS in the boot JDK
JDK-8369312	Refactor Float.toHexString() to avoid use of regex
JDK-8369313	java/net/httpclient/TimeoutBasic.java should accept that HttpTimeoutException should be somewhere down the cause chain
JDK-8369322	Implement native stack printing for Windows-AArch64
JDK-8369323	Fix typos in vmTestbase/.../Concurrent.java
JDK-8369328	Use uppercase variable names in the devkit makefiles
JDK-8369335	Two sun/java2d/OpenGL tests fail on Windows after JDK-8358058

Issue ID	Summary
JDK-8369346	Remove default value of and deprecate the MaxRAM flag
JDK-8369349	Add missing CPE headers
JDK-8369418	Identify owning class for KlassTrainingData in AOT map output
JDK-8369419	Error reporting of JFR JNI method registration crash on MacOSX
JDK-8369420	Parallel: Use multiple workers for class unloading
JDK-8369423	Reduce execution time of testlibrary_tests/ir_framework/tests/TestDFlags.java
JDK-8369428	Include method name in 'does not override or implement' diagnostics
JDK-8369432	Add Support for JDBC 4.5 MR
JDK-8369433	G1: Replace G1MarkScope with NMethodMarkingScope
JDK-8369434	java/net/httpclient/AltServiceUsageTest.java fails intermittently
JDK-8369435	C2: transform (LShiftX (SubX con0 a), con1) into (SubX con0<<con1 (LShiftX a con1))
JDK-8369440	Remove RootResolverMarkScope and RootSetClosureMarkScope

Issue ID	Summary
JDK-8369441	Two container tests fail after JDK-8292984
JDK-8369444	JavaFrameAnchor on PPC64 has unnecessary barriers
JDK-8369447	GenShen: Regulator thread may observe inconsistent states
JDK-8369448	C2 SuperWord: refactor VTransform to do move_unordered_reduction_out_of_loop during VTransform::optimize
JDK-8369450	[Ubuntu 25.10] openjdk fails to build due to rust-coreutils date
JDK-8369451	Debug agent support for USE_ITERATE_THROUGH_HEAP is broken and should be removed
JDK-8369452	Locale.Builder.setLanguageTag(String) does not clear on empty or null String
JDK-8369454	Verify checksums of downloaded source bundles when creating devkit
JDK-8369456	[TESTBUG] Fix the test failure of TestSelectFromTwoVectorOp.java on sve2 platforms
JDK-8369467	Rdtsc: Remove experimental support for non invariant tsc
JDK-8369468	Rdtsc: Move getCPUIDBrandString_stub into VM_Version stub area

Issue ID	Summary
JDK-8369469	Rdtsc: Remove potential races in Rdtsc::initialize
JDK-8369482	JVMTI + Loom: JDK-8368159 introduced safepoint poll in disallowed state
JDK-8369483	Cleanup dead code in HandleArea
JDK-8369488	Update to use jtreg 8.1
JDK-8369489	Marker annotation on inner class access crashes javac compiler
JDK-8369490	Remove unused Runinfo parameters in compiler/c2/gvn/TestBitCompressValueTransform.java
JDK-8369491	Temporarily revert default TIMEOUT_FACTOR back to 4
JDK-8369501	Parallel: Add UseAdaptiveSizePolicy requirement to TestDynShrinkHeap.java
JDK-8369505	jhsdb jstack cannot handle continuation stub
JDK-8369506	Bytecode rewriting causes Java heap corruption on AArch64
JDK-8369508	Type annotations on anonymous new class creation expressions can't be retrieved
JDK-8369510	JFR: Remove flush handler from Dispatcher lookup
JDK-8369516	Delete duplicate imaging test

Issue ID	Summary
JDK-8369517	Compilation mismatch for equivalent lambda and method reference
JDK-8369527	NMT: print malloc-site when a malloc'd memory detected as corrupted
JDK-8369531	Wrong tooltip used in external class links
JDK-8369559	Identify owning method for MethodTrainingData and CompileTrainingData in AOT map output
JDK-8369560	Slowdebug build without CDS fails
JDK-8369563	Gtest dll_address_to_function_and_library_name has issues with stripped pdb files
JDK-8369569	Rename methods in regmask.hpp to conform with HotSpot coding style
JDK-8369571	Parallel: Use ThreadsClaimTokenScope in PSAdjustTask
JDK-8369573	Add missing compile commands help documentation for the signature part of method patterns
JDK-8369574	Remove javax/management/remote/mandatory/connection/BrokenConnectionTest.java from ProblemList-Virtual.txt
JDK-8369590	LocaleEnhanceTest has incorrectly passing test case

Issue ID	Summary
JDK-8369593	Test H3MalformedResponseTest.testMalformedResponse still times out
JDK-8369609	calls from Continuations to invalidate_jvmti_stack must be more accurate
JDK-8369611	Remove safepoint synchronization from ParallelScavengeHeap and SerialHeap
JDK-8369616	JavaFrameAnchor on RISC-V has unnecessary barriers and wrong store order in MacroAssembler
JDK-8369618	Remove outdated reference to JDK 1.1 in the spec of BufferedImage.TYPE_INT_ARGB
JDK-8369622	GlobalChunkPoolMutex is recursively locked during error handling
JDK-8369631	Assess and remedy any unsafe usage of the sr_semaphore Semaphore in the Posix signal code
JDK-8369642	[ubsan] nmethod::nmethod null pointer passed as argument 2 to memcpy
JDK-8369646	Detection of redundant conversion patterns in add_users_of_use_to_worklist is too restrictive
JDK-8369654	javac OutOfMemoryError for complex intersection type
JDK-8369656	Calling CompletableFuture.join() could execute task in common pool

Issue ID	Summary
JDK-8369657	[AIX] TOC overflow in static-launcher build when building slowdebug after JDK-8352064
JDK-8369658	Client emulation mode sets MaxRAM too late
JDK-8369681	Parallel: Remove conditional check in ParallelScavengeHeap::verify
JDK-8369683	Exclude runtime/Monitor/MonitorWithDeadObjectTest.java#DumpThreadsBeforeDetach on Alpine Linux debug
JDK-8369685	RISC-V: refactor code related to RVFeatureValue::enabled
JDK-8369734	JvmtiExport::post_class_file_load_hook return value is never used
JDK-8369736	Add management interface for AOT cache creation
JDK-8369742	Link AOT-linked classes at JVM bootstrap
JDK-8369793	G1: Remove unused G1FreeldSet
JDK-8369804	TestGenerators.java fails with IllegalArgumentException: bound must be greater than origin
JDK-8369806	Remove nsk/jvmti/AttachOnDemand/attach020 from problemlist

Issue ID	Summary
JDK-8369809	G1: Merge G1CollectedHeap::do_collection_pause_at_safe point[_helper]
JDK-8369811	ZGC: Robust NUMA configuration detection
JDK-8369812	HttpClient doesn't handle H3_REQUEST_REJECTED correctly
JDK-8369814	G1: Relax card mark and store ordering
JDK-8369817	[TESTBUG] EmptyPath::toString is ignored
JDK-8369818	G1: Add missing region types in gc+heap=debug heap output
JDK-8369838	Likely invalid assert or function call in jimage.cpp
JDK-8369851	Remove darcy author tags from langtools tests
JDK-8369853	jpackage signing tests fail after JDK-8358723
JDK-8369854	(ch) Refine specification of behavior of {Gathering,Writable}ByteChannel.write
JDK-8369856	AOT map does not include unregistered classes
JDK-8369858	Remove darcy author tags from jdk tests
JDK-8369881	C2: Unexpected node in SuperWord truncation: ReverseBytesS, ReverseBytesUS

Issue ID	Summary
JDK-8369894	Remove javax/management/remote/mandatory/loading /RMIDownloadTest.java from problemist
JDK-8369898	C2 SuperWord: assert(has_ctrl(i)) failed: should be control, not loop
JDK-8369902	C2 SuperWord: wrong result because filterin NaN instead of zero in MemPointerParser::canonicalize_raw_summan ds
JDK-8369911	Test sun/java2d/marlin/ClipShapeTest.java#CubicD oDash, #Cubic and #Poly fail intermittent
JDK-8369912	[TESTBUG] testlibrary_tests/template_framework/example s/TestExpressions.java fails with ArithmeticException: / by zero - forgot to respect Expression.info
JDK-8369913	Parallel: Refactor PSAdjustTask
JDK-8369920	HttpClient QuicSelectorThread could be a VirtualThread
JDK-8369924	Remove test/jdk/javax/management/remote/mandatory/ loading/MissingClassTest.java from problemist
JDK-8369944	Notification can be lost due to interrupt in Object.wait
JDK-8369946	Bytecode rewriting causes Java heap corruption on PPC

Issue ID	Summary
JDK-8369947	Bytecode rewriting causes Java heap corruption on RISC-V
JDK-8369949	Fix TestWaste.java stack overflow
JDK-8369979	Flag UsePopCountInstruction was accidentally disabled on PPC64
JDK-8369980	Use ThreadsClaimTokenScope in ShenandoahThreadRoots
JDK-8369982	ProblemList jdk/jfr/jvm/TestWaste.java
JDK-8369983	Remove expired ZGC flags for JDK 26
JDK-8369991	Thread blocking during JFR emergency dump must be in safepoint safe state
JDK-8369994	Mixed mode jhsdb jstack cannot resolve symbol in function ending in call
JDK-8369995	Fix StringIndexOutOfBoundsException and implement extra logging and/or propagate errors in X509KeyManagerImpl
JDK-8369997	Tests that use custom scheduler should use <code>jdk.test.lib.thread.VThreadScheduler</code>
JDK-8370013	Refactor <code>Double.toHexString</code> to eliminate regex and <code>StringBuilder</code>
JDK-8370024	HttpClient: QUIC congestion controller doesn't implement pacing

Issue ID	Summary
JDK-8370028	Remove author tags from mathematical classes
JDK-8370031	Make RegMask copy constructor explicit and replace RegMask operator= with named function
JDK-8370036	TestJhsdbJstackWithVirtualThread.java fails when run with -showversion
JDK-8370039	GenShen: array copy SATB barrier improvements
JDK-8370041	GenShen: Filter young pointers from thread local SATB buffers when only marking old
JDK-8370049	[s390x] G1 barrier compareAndExchange does not return old value when compareExchange fails
JDK-8370050	Shenandoah: Obsolete ShenandoahPacing option
JDK-8370057	Correct scale handling of BigDecimal.sqrt
JDK-8370064	Test runtime/NMT/CheckForProperDetailStackTrace.java fails on Windows when using stripped pdb files
JDK-8370065	Windows perfmemory coding - use SetSecurityDescriptorControl directly
JDK-8370071	Clarify jcmd Thread.print help message

Issue ID	Summary
JDK-8370074	Remove unused code in AbstractDebuggeeTest.java
JDK-8370077	C2: make Compile::_major_progress a boolean
JDK-8370078	Remove unnecessary argument in ContiguousSpace::initialize
JDK-8370079	Re-enable vmTestbase/gc/vector/CircularListLow and LinearListLow with SerialGC
JDK-8370082	Intermediate objects clean up in ECDH, EdDSA, XDH, DHKEM, and HKDF
JDK-8370100	Redundant .png files in Linux app-image cause unnecessary bloat
JDK-8370120	Make jpackage tests output more stable
JDK-8370122	jpackage test lib improvements
JDK-8370123	Minor jpackage refactoring
JDK-8370126	Improve jpackage signing testing
JDK-8370134	Fix minor jpackage issues
JDK-8370136	Support async execution of jpackage tests
JDK-8370141	[macOS] Crash after PrinterJob ends when Graphics.create() is used.

Issue ID	Summary
JDK-8370150	Add StrictMath microbenchmarks to cover FDLIBM algorithms
JDK-8370154	Update @jls and @jvms taglets to point to local specs dir
JDK-8370156	Fix jpackage IconTest
JDK-8370160	NumericShaper allows illegal ranges
JDK-8370175	State engine terminates when throwing self-caused exception
JDK-8370176	Mixed mode jhsdb jstack cannot unwind call stack with -Xcomp
JDK-8370197	Add missing @Override annotations in com.sun.beans package
JDK-8370198	Test gc/arguments/TestShrinkHeapInSteps.java crashed: assert(left >= right) failed: avoid underflow
JDK-8370200	Crash: assert(outer→outcnt() >=phis + 2 - be_loads && outer→outcnt() <=phis + 2 + stores + 1) failed: onlyphis
JDK-8370201	Test serviceability/sa/TestJhsdbJstackWithVirtualThread.java fails due to VM warnings
JDK-8370203	Add jcmd AOT.end_recording diagnostic command

Issue ID	Summary
JDK-8370207	Test sun/misc/SunMiscSignalTest.java crashes after JDK-8369631
JDK-8370213	Add sun/misc/SunMiscSignalTest.java to ProblemList
JDK-8370220	C2: rename methods and improve documentation around get_ctrl and idom lazy updating/forwarding of ctrl and idom via dead ctrl nodes
JDK-8370222	Wrong output for a command in jlink man page
JDK-8370225	RISC-V: cleanup verify_xxx in interp_masm_riscv.hpp
JDK-8370227	Migrate micros-javac benchmarks from jmh-jdk-microbenchmarks
JDK-8370229	Remove unused method declarations after JDK-8322630
JDK-8370230	Bad copyright in NMTPrintMallocSiteOfCorruptedMemory.java after JDK-8369527
JDK-8370234	Remove CardTableBarrierSet::write_region
JDK-8370237	AssertionError in Annotate.fromAnnotations with -Xdoclint and type annotations
JDK-8370240	[PPC64] jhsdb jstack cannot handle continuation stub

Issue ID	Summary
JDK-8370242	JFR: Clear event reference eagerly when using EventStream
JDK-8370244	[PPC64] Several vector tests fail on Power8
JDK-8370248	AOTMapLogger should check if pointer is in AOTMetaspace
JDK-8370249	Test jdk/javadoc/doccheck/checks/jdkCheckLinks.java fails due to JVM/S/JLS links after JDK-8349681
JDK-8370250	Locale should mention the behavior for duplicate subtags
JDK-8370251	C2: Inlining checks for method handle intrinsics are too strict
JDK-8370257	Remove ProblemListed tests from ProblemList.txt
JDK-8370260	Test jdk/jfr/event/oldobject/TestEmergencyDumpAtOOM.java timed out
JDK-8370261	Test runtime/NMT/NMTPrintMallocSiteOfCorruptedMemory.java timed out
JDK-8370262	Add jdk/javadoc/doccheck/checks/jdkCheckLinks.java to the ProblemList

Issue ID	Summary
JDK-8370318	AES-GCM vector intrinsic may read out of bounds (x86_64, AVX-512)
JDK-8370325	G1: Disallow GC for TLAB allocation
JDK-8370326	Parallel: Remove unused ParCompactionManager::push
JDK-8370332	C2 SuperWord: SIGSEGV because PhaseldealLoop::split_thru_phi left dead nodes in loop _body
JDK-8370333	hotspot-unit-tests.md specifies wrong directory structure for tests
JDK-8370334	javadoc NPE with "import module" statement
JDK-8370344	Arbitrary Java frames on stack during scoped access
JDK-8370345	Parallel: Rework TLAB accounting in MutableNUMASpace
JDK-8370368	Apply java.io.Serial annotations in java.security.jgss
JDK-8370370	Add still more cases to WorstCaseTests
JDK-8370377	Avoid resolving constant pool entries during preimage generation in the training run
JDK-8370378	Some compiler tests inadvertently exclude particular platforms

Issue ID	Summary
JDK-8370387	Remove handling of InterruptedException from java.io classes
JDK-8370389	JavaFrameAnchor on s390 has unnecessary barriers
JDK-8370393	Cleanup handling of ancient Windows versions from GetJavaProperties java_props_md
JDK-8370405	C2: mismatched store from MergeStores wrongly scalarized in allocation elimination
JDK-8370406	Parallel: Refactor ParCompactionManager::mark_and_push
JDK-8370417	Parallel: TestAlwaysPreTouchBehavior.java fails with NUMA
JDK-8370420	HostLocaleProviderAdapter_md.c from libjava can use GetLocaleInfoEx, GetCalendarInfoEx, EnumCalendarInfoExEx directly
JDK-8370438	Offer link time optimization support on library level
JDK-8370442	Compilation error in jpackage EntitlementsTest test
JDK-8370459	C2: CompressBitsNode::Value produces wrong result on Windows (1UL vs 1ULL), found by ExpressionFuzzer
JDK-8370465	Right to Left Orientation Issues with MenuItem Component

Issue ID	Summary
JDK-8370467	BorderFactory.createBevelBorder and createSoftBevelBorder throws NPE for null highlight and shadow
JDK-8370473	C2: Better Aligment of Vector Spill Slots
JDK-8370481	C2 SuperWord: Long/Integer.compareUnsigned return wrong value in SLP
JDK-8370492	[Linux] Update cpu shares to cpu.weight mapping function
JDK-8370494	G1: NewSize not bounded by InitialHeapSize or MaxHeapSize
JDK-8370500	Change windows x64 implementation of os::current_stack_pointer()
JDK-8370501	vmTestbase/vm/gc/compact/Humongous_Non branchyTree5M/TestDescription.java intermittent timed out
JDK-8370503	Use String.newStringWithLatin1Bytes to simplify Integer/Long toString method
JDK-8370511	test/jdk/javawx/swing/JSlider/bug4382876.java does not release previously pressed keys
JDK-8370514	Problemlist nio/channels/AsyncCloseAndInterrupt until JDK-8368290 is resolved
JDK-8370520	GenShen: Track and report on promotion failures

Issue ID	Summary
JDK-8370521	GenShen: Various code cleanup related to promotion
JDK-8370527	Memory leak after 8316694: Implement relocation of nmethod within CodeCache
JDK-8370560	Remove non-public API reference from public API javadoc
JDK-8370568	Refer to Thread.interrupted as "interrupted status" consistently
JDK-8370569	IGV: dump more graph properties at bytecode parsing
JDK-8370572	Cgroups hierarchical memory limit is not honored after JDK-8322420
JDK-8370578	SystemMapTest.java#normal fails intermittently on macOS aarch64
JDK-8370579	PPC: fix inswri immediate argument order
JDK-8370612	Simplify implementation of dark theme
JDK-8370628	Rename BigInteger::nthRoot to rootn, and similarly for nthRootAndRemainder
JDK-8370633	Remove dead code for Windows file path canonicalization functions
JDK-8370636	com/sun/jdi/TwoThreadsTest.java should wait for completion of all threads

Issue ID	Summary
JDK-8370637	[Windows] Crash if use Graphics after PrintJob.end
JDK-8370646	TestLargeUTF8Length.java needs lots of memory
JDK-8370649	Add intermittent tag for gc/shenandoah/generational/TestOldGrowthTriggers.java
JDK-8370653	Fix race in CompressedClassSpaceSizeInJmapHeap.java
JDK-8370663	Incorrect synchronization in nsk/jvmti/RedefineClasses when expected events are not received
JDK-8370667	GenShen: Only make assertions about region pinning for collected generation
JDK-8370678	Update the Problemlisting for java/awt/Mixing/AWT_Mixing/OpaqueOverlapping.java
JDK-8370681	[BACKOUT] Improve memory ordering in new CPU Time Profiler
JDK-8370682	G1: Survivor regions not in young gen cset group
JDK-8370687	Improve before constructor has been called error message
JDK-8370708	RISC-V: Add VerifyStackAtCalls

Issue ID	Summary
JDK-8370715	JFR: Races are possible when dumping recordings
JDK-8370719	[Linux] Use /etc/os-release values for font configuration file names
JDK-8370726	GenShen: Misplaced assertion that old referent is marked during young collection
JDK-8370730	Test serviceability/attach/EarlyDynamicLoad/EarlyDynamicLoad.java needs to be resilient about warnings
JDK-8370732	Use WhiteBox.getWhiteBox().fullGC() to provoking gc for nsk/jvmti tests
JDK-8370766	JVM crashes when running compiler/exceptions/TestAccessErrorInCatch.java fails with -XX:+VerifyStack
JDK-8370774	Merge ModRefBarrierSet into CardTableBarrierSet
JDK-8370775	ModulePatcher\$JarResourceFinder.getBytesBuffer() does not close the InputStream after reading the bytes
JDK-8370794	C2 SuperWord: Long/Integer.compareUnsigned return wrong value for EQ/NE in SLP
JDK-8370797	Test runtime/ErrorHandling/AccessZeroNClassHitsProtectionZone.java failed on macos 26

Issue ID	Summary
JDK-8370804	G1: Make G1HeapRegionAttr::remset_is_tracked() conform to coding style
JDK-8370806	Parallel: Revise logs in PSYoungGen::compute_desired_sizes
JDK-8370807	G1: Improve region attribute table method naming
JDK-8370813	Deprecate AggressiveHeap
JDK-8370822	Improve performance for MemorySegment::fill
JDK-8370839	Tests to verify peculiar Proxy dispatching behaviors
JDK-8370843	Deprecate AlwaysActAsServerClassMachine and NeverActAsServerClassMachine
JDK-8370850	Shenandoah: Simplify collector allocation to save unnecessary region iteration
JDK-8370851	Mark hotspot and jdk tests incompatible with test thread factory
JDK-8370852	Test sun/security/ssl/SSLLogger/DebugPropertyValuesTest.java fails after JDK-8369995
JDK-8370853	IGV: SEGV in IdealGraphPrinter::print after JDK-8370569

Issue ID	Summary
JDK-8370854	Add sun/security/ssl/SSLLogger/DebugPropertyValuesTest.java to the ProblemList
JDK-8370865	Incorrect parser error for compact source files and multi-variable declarations
JDK-8370871	[s390x] consistently update top_frame_sp
JDK-8370874	[asan] ASAN build fails after JDK-8368365
JDK-8370878	C1: Clean up unnecessary ConversionStub constructor
JDK-8370884	JFR: Overflow in aggregators
JDK-8370887	DelayScheduler.replace method may break the 4-ary heap in certain scenarios
JDK-8370889	G1: Inline G1PrepareEvacuationTask::sample_card_set_size()
JDK-8370905	Update vm.defmeth tests to use virtual threads
JDK-8370908	Remove test javax/management/remote/mandatory/connection/DeadLockTest.java from ProblemList-Virtual
JDK-8370910	Cleanup terminology of UUID vs Global Identifiers in UUID

Issue ID	Summary
JDK-8370939	C2: SIGSEGV in SafePointNode::verify_input when processing MH call from Compile::process_late_inline_calls_no_inline()
JDK-8370942	test/jdk/java/security/Provider/NewInstance.java and /test/jdk/java/security/cert/CertStore/NoLDAP.java may skip without notifying
JDK-8370943	Support heap expansion during startup in Serial and Parallel
JDK-8370950	Inline CollectedHeap::fill_args_check
JDK-8370955	Remove test javax/management/remote/mandatory/connection/ConnectionTest.java from ProblemList-Virtual
JDK-8370956	ShortcutHintTest test fails when executed locally on Linux
JDK-8370963	Errors in jpackage jtreg test descriptions
JDK-8370965	Remove SigningPackageFromTwoStepApplmageTest test
JDK-8370966	Create regression test for the hierarchical memory limit fix in JDK-8370572
JDK-8370969	--launcher-as-service option is ignored when used with --app-image option

Issue ID	Summary
JDK-8370970	DocCheck failure in <code>jdkDoctypeBadcharsCheck.java</code> and <code>jdkCheckHtml.java</code>
JDK-8370971	Problemlist <code>jdkDoctypeBadcharsCheck.java</code> and <code>jdkCheckHtml.java</code>
JDK-8370974	Command-line Hotspot debugger tests fail on Windows AArch64
JDK-8370975	<code>OutputAnalyzer.matches()</code> should use <code>Matcher</code> with <code>Pattern.MULTILINE</code>
JDK-8370976	Review the behavioral changes of core reflection descriptor parsing migration
JDK-8370978	Zero JVM fails to build on i386 after JDK-8351149
JDK-8371009	<code>HttpClient</code> javadoc synchronous example missing <code>HttpRequest</code> variable declaration
JDK-8371014	Dump JFR recording on <code>CrashOnOutOfMemoryError</code> is incorrectly implemented
JDK-8371018	Remove unused <code>CollectedHeap::fill_with_object</code>
JDK-8371019	G1: Support heap expansion during startup
JDK-8371021	Tab order in theme picker is broken
JDK-8371046	Segfault in <code>compiler/whitebox/StressNMethodRelocation.java</code> with <code>-XX:+UseZGC</code>

Issue ID	Summary
JDK-8371065	C2 SuperWord: VTransformLoopPhiNode::apply setting type leads to assert/wrong result
JDK-8371066	Remove unused class TextSourceLabel and associated class hierarchy
JDK-8371076	jpackage will wrongly overwrite the plist file in the embedded runtime when executed with the "--app-image" option
JDK-8371083	FollowReferences reports non-class objects as JVMTI_HEAP_REFERENCE_SYSTEM_CLASS
JDK-8371088	Build fails when trying hsdis option
JDK-8371091	Improve the exception message of NullPointerException thrown by the methods in the default implementation of HttpRequest.Builder
JDK-8371092	NullPointerException in AltServiceUsageTest.afterClass() test
JDK-8371093	Assert "section header string table should be loaded" failed on debug VM
JDK-8371094	--mac-signing-key-user-name no longer works
JDK-8371103	vmTestbase/nsk/jvmti/scenarios/events/EM02/e m02t006/TestDescription.java failing
JDK-8371104	gtests should use wrappers for <limits> and <type_traits>

Issue ID	Summary
JDK-8371114	Problemlist vmTestbase/nsk/jvmti/scenarios/events/EM02/em02t006/TestDescription.java
JDK-8371121	compiler/whitebox/DeoptimizeRelocatedNMethod.java fails with C1
JDK-8371130	Remove String template leftovers
JDK-8371131	Cleanup Thread parameter in CollectedHeap TLAB methods
JDK-8371133	Clarify the purpose of "src/jdk.compiler/share/classes/com/sun/tools/javac/resources/ct.properties"
JDK-8371141	Shenandoah: Many test timeouts with -XX: -UseTLAB
JDK-8371142	[BACKOUT] [ubsan] add non-zero offset to nullptr in cds/archiveBuilder.cpp
JDK-8371146	C2 SuperWord: VTransform::add_speculative_check uses pre_init that is pinned after Auto_Vectorization_Check, leading to bad graph
JDK-8371156	PBKDF2 default values should not be DER encoded
JDK-8371161	[AArch64] Enable CPU feature UseSHA3Intrinsics for the Qualcomm processor family

Issue ID	Summary
JDK-8371163	Make GlyphView/TestGlyphBGHeight.java headless
JDK-8371164	ArrayList.addAll() optimizations
JDK-8371178	Preserve fast version of getField and putField in AOTCache
JDK-8371184	Improve jpackage test coverage for "--app-image" option
JDK-8371188	[s390x] Un-ProblemList TestUnreachableInnerLoop.java
JDK-8371194	serviceability/sa/TestJhsdbJstackMixedWithXC omp.java failing
JDK-8371197	G1: Use void for return type of G1RegionsOnNodes::add
JDK-8371200	ZGC: C2 allocation deopt race
JDK-8371205	AArch64: Remove unused cmpxchg* methods
JDK-8371216	oopDesc::print_value_on breaks if klass is garbage
JDK-8371225	Missing release of GDK lock in Java_sun_awt_X11_GtkFileDialogPeer_run()
JDK-8371226	Thread class description needs section on Thread Interruption
JDK-8371248	Crash in -Xdoclint with invalid @link

Issue ID	Summary
JDK-8371259	ML-DSA AVX2 and AVX512 intrinsics and improvements
JDK-8371262	sun/security/pkcs11/Cipher/KeyWrap tests may silently skip
JDK-8371296	Refactor tests to use PEM API (Phase 1) - Fix WriteP12Test failure
JDK-8371297	C2: assert triggered in BoolTest::BoolTest
JDK-8371304	mismatch in file name and class name for ByteInterleavedRasterOffsetsTest.java
JDK-8371306	JDK-8367002 behavior might not match existing HotSpot behavior.
JDK-8371309	Diagnostic.getEndPosition can throw an NPE with typical broken code
JDK-8371315	java/foreign/sharedclosejfr/TestSharedCloseJFR.java failed with -XX:-TieredCompilation
JDK-8371316	Adjust assertion (GC pause time cannot be smaller than the sum of each phase) in G1GCPhaseTimes::print
JDK-8371319	java.lang.reflect.Method#equals doesn't short-circuit with same instances
JDK-8371320	runtime/ErrorHandling/PrintVMInfoAtExitTest.java fails with unexpected amount for Java Heap reserved memory

Issue ID	Summary
JDK-8371321	Remove unused last arg of BarrierSetAssembler::arraycopy_epilogue
JDK-8371339	Illegal pattern char 'B' with locale.providers as HOST on macOS for Taiwanese
JDK-8371341	ZGC: Improve gtest interoperability with instrumented builds (ASAN)
JDK-8371343	ZGC: Remove dependency on test execution order for gtests
JDK-8371349	Update NSS library to 3.117
JDK-8371354	Problem list serviceability/sa/TestJhsdbJstackMixedWithXComp.java due to JDK-8371194
JDK-8371364	Refactor javax/swing/JFileChooser/FileSizeCheck.java to use Util.findComponent()
JDK-8371365	Update javax/swing/JFileChooser/bug4759934.java to use Util.findComponent()
JDK-8371366	java/net/httpclient/whitebox/RawChannelTestDriver.java fails intermittently in jtreg timeout
JDK-8371367	Replace remaining JvmtiJavaThreadEventTransition with JVMTI_JAVA_THREAD_EVENT_CALLBACK_BLOCK

Issue ID	Summary
JDK-8371368	SIGSEGV in JfrVframeStream::next_vframe() on arm64
JDK-8371369	Parallel: Relax precondition of PSOldGen::expand_and_allocate
JDK-8371377	javax/swing/text/GlyphView/TestGlyphBGHeight.java fails in Ubuntu 24.04 X11
JDK-8371381	[Shenandoah] Setting ergo flags should use FLAG_SET_ERGO
JDK-8371383	Test sun/security/tools/jarsigner/DefaultOptions.java failed due to CertificateNotYetValidException
JDK-8371384	libapplauncher.so is copied to a wrong location in two step packaging when --install-dir=/usr
JDK-8371385	compiler/escapeAnalysis/TestRematerializeObjects.java fails in case of -XX:-UseUnalignedAccesses
JDK-8371388	[BACKOUT] JDK-8365047: Remove exception handler stub code in C2
JDK-8371418	Methods in AdapterHandlerLibrary use HashtableBase iterate method incorrectly
JDK-8371421	[AIX] new test ProcessCloseTest fails
JDK-8371425	Include folder names in vscode workspace virtual folders

Issue ID	Summary
JDK-8371432	[BACKOUT] 8359256: AArch64: Use SHA3 GPR intrinsic where it's faster
JDK-8371436	(fs) java/nio/file/FileStore/Basic.java fails on macOS platform due to <code>assertTrue(!store.equals(prev));</code>
JDK-8371440	jpackage should exit with an error if it finds multiple matching signing certificates
JDK-8371450	AES performance improvements for key schedule generation
JDK-8371458	[REDO] Remove exception handler stub code in C2
JDK-8371464	C2: <code>assert(no_dead_loop)</code> failed: dead loop detected
JDK-8371465	Parallel: Revise asserts around heap expansion
JDK-8371470	Java Launcher does not fail when running compact java-file with private no-arg constructor
JDK-8371471	HttpClient: Log HTTP/3 handshake failures if logging errors is enabled
JDK-8371473	Problem list <code>TestEmergencyDumpAtOOM.java</code> on ppc64 platforms related to JDK-8371014
JDK-8371474	Wrong object class or methodID passed to JNI call in <code>TestSharedCloseJvmti</code> with <code>-Xshare:off</code>

Issue ID	Summary
JDK-8371475	HttpClient: Implement CUBIC congestion controller
JDK-8371480	VerifyError after JDK-8369654
JDK-8371485	ProblemList awt/Mixing/AWT_Mixing/JTableInGlassPaneOverlapping.java for linux
JDK-8371493	Simplify search for AdapterHandlerEntry
JDK-8371501	Change IAE to NPE in java.awt.image.Kernel when data is null
JDK-8371502	serviceability/jvmti/vthread/ThreadListStackTracesTest/ThreadListStackTracesTest.java failing
JDK-8371534	C2: Missed Ideal optimization opportunity with AndL and URShiftL
JDK-8371557	java/net/httpclient/http3/H3RequestRejectedTest.java: javax.net.ssl.SSLHandshakeException: local endpoint (wildcard) and remote endpoint (loopback) ports conflict
JDK-8371558	C2: Missing optimization opportunity in AbsNode::Ideal
JDK-8371559	Intermittent timeouts in test javax/net/ssl/Stapling/HttpsUrlConnClient.java
JDK-8371571	Consolidate and enhance bulk memory segment ops benchmarks

Issue ID	Summary
JDK-8371573	Shenandoah: Remove unnecessary include after JDK-8351091
JDK-8371574	Improve code coverage of PEM classes decode functionality
JDK-8371581	C2: PhaseCCP should reach fixpoint by revisiting deeply-Value-d nodes
JDK-8371587	Final mapping lost in ProcSmapsParser::parse_next
JDK-8371591	VerifyJimage test incorrectly skips all tests when comparing directory structure
JDK-8371603	C2: Missing Ideal optimizations for load and store vectors on SVE
JDK-8371607	Remove GCSharedStringsDuringDumpWb.java after JDK-8362561
JDK-8371608	Jtreg test jdk/internal/vm/Continuation/Fuzz.java sometimes fails with (fast)debug binaries
JDK-8371625	G1: G1HeapRegion::print_on misalignment
JDK-8371626	[linux] use icf=all for linking libraries
JDK-8371628	C2: add a test case for the arraycopy changes in JDK-8297933
JDK-8371635	G1: Young gen allocations should never be considered when comparing against IHOP threshold

Issue ID	Summary
JDK-8371637	allocateNativeInternal sometimes return incorrectly aligned memory
JDK-8371642	TestNumberOfContinuousZeros.java fails on PPC64
JDK-8371643	Remove ThreadLocalAllocBuffer::_reserve_for_allocation_prefetch
JDK-8371645	BasicImageReader getEntryNames() is stateful and cannot be called more than once
JDK-8371649	ZGC: AArch64: redundant OrderAccess::fence in ZBarrierSetAssembler::patch_barrier_relocation
JDK-8371650	Add CMakeLists.txt and compile_commands.json into .gitignore
JDK-8371667	Shenandoah: Re-design alloc request type enum for better efficiency and cleaner code
JDK-8371672	G1: G1YoungGenSizer handling of NewRatio, NewSize and MaxNewSize
JDK-8371674	C2 fails with Missed optimization opportunity in PhaseltGVN for MoveL2D
JDK-8371675	ZGC: Remove leftover X VMOp symbols
JDK-8371680	JVMTI: Remove unused VMOp type JvmtiPostObjectFree

Issue ID	Summary
JDK-8371681	Remove unused VMOp type CollectForCodeCacheAllocation
JDK-8371682	Suppress javac warning from ThreadPoolExecutorSubclassTest.java
JDK-8371689	(fs) CopyMoveHelper.copyToForeignTarget use of sourcePosixView is confusing
JDK-8371697	test/jdk/java/nio/file/FileStore/Basic.java fails after 8360887 on linux
JDK-8371698	ZGC: Call GTEST_SKIP when OS is unsupported
JDK-8371701	Add ability to set NUMA-affinity for threads
JDK-8371702	ZGC: NUMA-Affinity for Worker Threads in the Relocation Phase
JDK-8371709	Add CTW to hotspot_compiler testing
JDK-8371722	java/net/httpclient/BufferSizePropertyClampTe st.java should use Locale.ROOT
JDK-8371732	[redo] Change java.time month/day field types to 'byte'
JDK-8371740	LinkedTransferQueue.poll() returns null even though queue is not empty
JDK-8371746	Some imports in Integer.java and Long.java became unused after JDK-8370503

Issue ID	Summary
JDK-8371749	New test serviceability/jvmti/events/VMDeath/AllocatingInVMDeath/TestAllocatingInVMDeath.java fails with -Xcheck:jni
JDK-8371753	compiler/c2/cr7200264/TestIntVect.java fails IR verification
JDK-8371759	Add missing @Override annotations in com.sun.imageio package
JDK-8371769	TestMemoryInvisibleParent.java fails with java.nio.file.AccessDeniedException
JDK-8371771	CDS test SharedStringsStress.java failed with insufficient heap
JDK-8371778	Make MallocMemorySummary::_snapshot a DeferredStatic
JDK-8371779	Replace MemTagBitmap with ResourceBitMap
JDK-8371783	Refactor GCCause in VM_CollectForMetadataAllocation
JDK-8371788	Fix documentation for CollectedHeap::collect(GCCause)
JDK-8371789	C2: More explicit dump results for TypePtr
JDK-8371791	G1: Improve accuracy of G1CollectedHeap::non_young_occupancy_after_allocation()
JDK-8371792	Refactor barrier loop tests out of TestIfMinMax

Issue ID	Summary
JDK-8371802	Do not let QUIC connection to idle terminate when HTTP/3 is configured with a higher idle timeout
JDK-8371804	C2: Tighten up LoadNode::Value comments after JDK-8346184
JDK-8371815	API docs for 2-arg StructuredTaskScope.open should say timeout may expire before or while waiting in join
JDK-8371820	Further AES performance improvements for key schedule generation
JDK-8371821	Duplicate export of jdk.internal.util to java.net.http
JDK-8371825	G1: Use more precise filler API in fill_range_with_dead_objects
JDK-8371852	Shenandoah: Unused ShenandoahFreeSet::_allocated_since_gc_start field
JDK-8371854	Shenandoah: Simplify WALK_FORWARD_IN_BLOCK_START use
JDK-8371860	Make non-public methods in java_lang_Class private
JDK-8371864	GaloisCounterMode.implGCMCrypt0 AVX512/AVX2 intrinsics stubs cause AES-GCM encryption failure for certain payload sizes

Issue ID	Summary
JDK-8371869	RISC-V: too many warnings when build on BPI-F3 SBC
JDK-8371874	AOTLinkedClassBulkLoader::preload_classes() should not allocate heap objects
JDK-8371881	C2: Fix potential SEGV in VTransformReductionVectorNode tracing
JDK-8371882	Improve documentation for JEP 526: Lazy Constants
JDK-8371885	Mark UseCompressedClassPointers as obsolete for JDK 27
JDK-8371887	HttpClient: SSLParameters with no protocols configured disable HTTP2+ support
JDK-8371893	[macOS] use dead_strip linker option to reduce binary size
JDK-8371894	Minor style fixes in AOT/CDS code
JDK-8371895	Lower GCTimeLimit in TestUseGCOverheadLimit.java
JDK-8371896	Links in snippets can not be highlighted
JDK-8371914	PNG defines in CFLAGS can cause compilation errors with external libpng
JDK-8371916	Questionable volatile decrement in AckFrameSplitter

Issue ID	Summary
JDK-8371918	aarch64: Incorrect pointer dereference in TemplateInterpreterGenerator::generate_native_entry
JDK-8371922	Remove unused NonblockingQueue class
JDK-8371923	Update LockFreeStack for Atomic<T>
JDK-8371934	EncryptedPrivateKeyInfo methods need @since updates
JDK-8371944	AOT configuration is corrupted when app closes System.out
JDK-8371948	TestStackOverflowDuringInit.java fails xss too small on linux-aarch64
JDK-8371953	Document null handling in core reflection APIs
JDK-8371956	Convert OopStorage to use Atomic<T>
JDK-8371958	[BACKOUT] 8371709: Add CTW to hotspot_compiler testing
JDK-8371960	Missing null check in AnnotatedType annotation accessor methods
JDK-8371964	C2 compilation asserts with "Unexpected load/store size"
JDK-8371965	Convert TaskQueueSuper to use Atomic<T>
JDK-8371966	RISC-V: Incorrect pointer dereference in TemplateInterpreterGenerator::generate_native_entry

Issue ID	Summary
JDK-8371967	Add Visual Studio 2026 to build toolchain for Windows
JDK-8371978	tools/jar/ReproducibleJar.java fails on XFS
JDK-8371985	Parallel: Move should_attempt_scavenge to ParallelScavengeHeap
JDK-8371986	Remove the default value of InitialRAMPercentage
JDK-8371990	Remove two second delayed OOME after GC shutdown
JDK-8371991	Build failure in docs for MemoryMXBean
JDK-8371998	G1: Rename G1MergeHeapRootsTask::G1ClearBitmapClosure to be more distinct
JDK-8372002	VarHandle for receiver's superclass instance fields fails describeConstable
JDK-8372004	Have SSLLogger implement System.Logger
JDK-8372008	TestGetTotalGcCpuTime test failures on Windows (Some GC CPU time must have been reported)
JDK-8372012	java/nio/file/attribute/BasicFileAttributeView/SetTimesNanos.java should check ability to create links
JDK-8372023	Javac JMH failures

Issue ID	Summary
JDK-8372039	post_sampled_object_alloc is called while lock is handled
JDK-8372045	AOT assembly phase asserts with old class if AOT class linking is disabled
JDK-8372046	compiler/floatingpoint/TestSubNodeFloatDoubleNegation.java fails IR verification
JDK-8372047	ClassTransform.transformingMethodBodies andThen composes incorrectly
JDK-8372048	Performance improvement on Linux remote desktop
JDK-8372055	Fragment link tag does not work in package info
JDK-8372097	C2: PhasePrintLevel requires setting PrintPhaseLevel explicitly to be active
JDK-8372103	Metal JButton doesn't show focus if no text or icon
JDK-8372110	GenShen: Fix erroneous assert
JDK-8372117	Correct the misleading comment in Character.UnicodeBlock
JDK-8372118	Test tools/jpackage/macosx/DmgContentTest.java failed
JDK-8372119	Missing copyright header in MinMaxVector

Issue ID	Summary
JDK-8372120	Add missing sound keyword to MIDI tests
JDK-8372125	containers/docker/TestPids.java fails after 8365606
JDK-8372134	ThreadLocalRandom no longer overrides nextGaussian
JDK-8372135	clang compilation error
JDK-8372146	Follow-up changes to the Lazy Constants JEP
JDK-8372147	ConnectionFlowControlTest should use <code>HttpResponse.connectionLabel()</code>
JDK-8372149	G1: Remove unnecessary <code>num_added_to_group</code> from <code>G1CollectionSetCandidates::set_candidates_from_marking()</code>
JDK-8372150	Parallel: Tighten requirements around heap sizes with NUMA and Large Pages
JDK-8372154	AArch64: Match rule failure with some <code>CompareAndSwap</code> operand shapes
JDK-8372155	<code>ReleaseInfoPlugin</code> doesn't handle input file as UTF-8 properly
JDK-8372159	<code>HttpClient SelectorManager</code> thread could be a <code>VirtualThread</code>
JDK-8372162	G1: Merge subclasses of <code>G1IHOPControl</code> into parent class

Issue ID	Summary
JDK-8372163	G1: Remove unused G1HeapRegion::remove_code_root
JDK-8372179	Remove Unused ConcurrentHashMap::MultiGetHandle
JDK-8372188	AArch64: Generate atomic match rules from M4 stencils
JDK-8372198	Avoid closing PlainHttpConnection while holding a lock
JDK-8372240	Convert FreeListAllocator to use Atomic<T>
JDK-8372251	Convert PartialArrayStepper/State to use Atomic<T>
JDK-8372253	Improve logging to show why a class was excluded from AOT Cache
JDK-8372256	ClassCastException in ConcurrentHashMap#equals
JDK-8372258	Improve TypeVariable support
JDK-8372269	Parallel: Remove unused ParallelScavengeHeap::base
JDK-8372272	Hotspot shared lib loading - add load attempts to Events::log
JDK-8372277	Fix for JDK-8369517 is applied starting from source 24 instead of 26
JDK-8372285	G1: Micro-optimize x86 barrier code

Issue ID	Summary
JDK-8372290	jpackage test lib improvements
JDK-8372292	Remove redundant "throws ConfigException"
JDK-8372294	Fix Malformed problem list entry in ProblemList-jvmti-stress-agent.txt
JDK-8372307	Clean up the leftover code comment references to file.encoding in java_props_md.c
JDK-8372319	com/sun/crypto/provider/Cipher/HPKE/KAT9180 test has external dependencies
JDK-8372321	TestBackToBackSensitive fails intermittently after JDK-8365972
JDK-8372324	jdk/jfr/event/gc/detailed/TestStringDeduplicationEvent.java#Parallel failed
JDK-8372336	javac fails with an exception when a class is missing while evaluating conditional expression
JDK-8372337	clang compilation error on hardware_constructive_interference_size
JDK-8372344	QUIC transfer may deadlock if pacing rate is too high
JDK-8372359	Clean jpackage error messages
JDK-8372360	Exclude jdk.jobject from micros-javac input source packages

Issue ID	Summary
JDK-8372376	ZGC: Inaccurate verification of raw nulls in flip promoting pages
JDK-8372380	Make hs_err reporting more robust for unattached threads
JDK-8372385	tools/jpackage/junit/share/jdk.jpackage/jdk/jpackage/internal/cli/MainTest.java fails
JDK-8372393	Document requirement for separate metallib installation with Xcode 26.1.1
JDK-8372399	Add missing CPE statements
JDK-8372409	java/net/httpclient/http3/H3MultipleConnectionsToSameHost.java timed out during warmup
JDK-8372410	ThreadFactory used by Thread.Builder::factory uses non-optimal VarHandle
JDK-8372412	Increase buffer size for ring-buffer events in CollectedHeap
JDK-8372414	Command "make test-prebuilt" fails when listing tests
JDK-8372441	JFR: Improve logging of TestBackToBackSensitive
JDK-8372444	Genshen: Optimize evacuation function
JDK-8372451	C2 SuperWord: "endless loop" assert. Need to implement proper worklist mechanism

Issue ID	Summary
JDK-8372461	[IR Framework] Multiple test failures after JDK-8371789
JDK-8372493	[asan] java/foreign/sharedclosejvmti/TestSharedCloseJvmti.java triggers heap-use-after-free
JDK-8372498	[genshen] gc/TestAllocHumongousFragment.java#generational causes intermittent SIGSEGV crashes
JDK-8372513	Shenandoah: ShenandoahMaxRegionSize can produce an unaligned heap alignment
JDK-8372528	Unify atomic exchange and compare exchange
JDK-8372534	Update Libpng to 1.6.51
JDK-8372540	SerialGC: Remove race between allocation and expansion before is_init_completed
JDK-8372547	New test sun/security/provider/acvp/ML_DSA_Intrinsic_Test.java should be restricted to x86_64
JDK-8372552	unhandled oop in the JvmtiEventController::set_user_enabled
JDK-8372565	Convert SATBMarkQueue to use Atomic<T>
JDK-8372566	Genshen: crash at ShenandoahScanRemembered::process_clusters after JDK-8371667

Issue ID	Summary
JDK-8372571	ResourceHashTable for some AOT data structures miss placement operator when allocating
JDK-8372584	[Linux]: Replace reading proc to get thread user CPU time with clock_gettime
JDK-8372585	TestVerifyLoopOptimizationsHitsMemLimit fails with product builds
JDK-8372586	Crashes on ppc64(le) after JDK-8371368
JDK-8372587	Put jdk/jfr/jvm/TestWaste.java into the ProblemList
JDK-8372588	[asan] serviceability/sa/TestJmapCore.java and TestJmapCoreMetaspace.java fail after recent improvements
JDK-8372591	assert(!current->cont_fastpath() freeze.check_valid_fast_path()) failed
JDK-8372609	Bug4944439 does not enforce locale correctly
JDK-8372610	G1: JDK-8297692 broke code roots scan measurements
JDK-8372615	Many container tests fail when running rootless on cgroup v1
JDK-8372625	[Linux] Remove unnecessary logic for supports_fast_thread_cpu_time

Issue ID	Summary
JDK-8372643	Warning message on macos when building the JDK - (arm64) /tmp/lto.o unable to open object file: No such file or directory
JDK-8372645	ParallelGC: Remove race between allocation and expansion before is_init_completed
JDK-8372650	Convert GenericWaitBarrier to use Atomic<T>
JDK-8372684	G1: Missing load_acquire() in G1 allocation path
JDK-8372685	C2 SuperWord: wrong requires in test after JDK-8371146
JDK-8372702	sun/security/pkcs11/tls/fips/FipsModeTLS.java does not compile after JDK-8367096
JDK-8372703	Test compiler/arguments/TestCodeEntryAlignment.java failed: assert(allocates2(pc)) failed: not in CodeBuffer memory
JDK-8372704	ThreadMXBean.getThreadUserTime may return total time
JDK-8372705	The riscv-64 cross-compilation build is failing in the CI
JDK-8372708	Javadoc ignores "-locale" and uses default locale for all messages and texts
JDK-8372710	Update ProcessBuilder/Basic regex

Issue ID	Summary
JDK-8372720	Problem list compiler/arguments/TestCodeEntryAlignment.java
JDK-8372730	Problem list compiler/arguments/TestCodeEntryAlignment.java on x64
JDK-8372733	GHA: Bump to Ubuntu 24.04
JDK-8372738	ZGC: C2 allocation reloc promotion deopt race
JDK-8372747	G1: Conservative heap alignment does not account for card table constraint
JDK-8372755	Remove local suppression of VS C4146 warnings
JDK-8372756	Mouse additional buttons and horizontal scrolling are broken on XWayland GNOME >= 47 after JDK-8351907
JDK-8372757	MacOS, Accessibility: Crash in [MenuAccessibility accessibilityChildren] after JDK-8341311
JDK-8372769	Test runtime/handshake/HandshakeDirectTest.java failed - JVMTI ERROR 13
JDK-8372787	ModuleReader should throw IOException consistently when using --patch-module and ModuleReader is closed
JDK-8372802	PrintFlagsFinal should also print locked flags

Issue ID	Summary
JDK-8372809	Test vmTestbase/nsk/jdi/ThreadReference/isSuspended/issuspended001/TestDescription.java failed: JVMTI_ERROR_THREAD_NOT_ALIVE
JDK-8372816	New test sun/security/provider/acvp/ML_DSA_Intrinsic_Test.java succeeds in case of error
JDK-8372850	Update comment in SourceVersion for language evolution history for changes in 26
JDK-8372851	Modify java/io/File/GetXSpace.java to print path on failure of native call
JDK-8372857	Improve debuggability of java/rmi/server/RemoteServer/AddrInUse.java test
JDK-8372861	Genshen: Override parallel_region_stride of ShenandoahResetBitmapClosure to a reasonable value for better parallelism
JDK-8372862	AArch64: Fix GetAndSet-acquire costs after JDK-8372188
JDK-8372937	Abbreviate list of supported releases
JDK-8372938	Fix reference to DeferredStatic<T> in HotSpot Style Guide
JDK-8372939	Update JDK 26 spec URLs
JDK-8372940	Update symbol data script references

Issue ID	Summary
JDK-8372943	Restore --with-tools-dir
JDK-8372951	The property <code>jdk.httpclient.quic.maxBidiStreams</code> should be renamed to <code>jdk.internal</code>
JDK-8372957	After JDK-8282441 JDWP might allow some invalid <code>FrameIDs</code> to be used
JDK-8372958	<code>SocketInputStream.read</code> throws <code>SocketException</code> instead of returning <code>-1</code> when input shutdown
JDK-8372961	[BACKOUT] Remove the default value of <code>InitialRAMPercentage</code>
JDK-8372977	unnecessary <code>gthread-2.0</code> loading
JDK-8372988	Test <code>runtime/Nestmates/membership/TestNestHostErrorWithMultiThread.java</code> failed: Unexpected interrupt
JDK-8372993	Serial: <code>max_eden_size</code> is too small after JDK-8368740
JDK-8372995	SerialGC: Allow <code>SerialHeap::allocate_loaded_archive_space</code> expand <code>old_gen</code>
JDK-8372999	Parallel: Old generation min size constraint broken
JDK-8373010	Update <code>starting-next-release.html</code> after JDK-8372940

Issue ID	Summary
JDK-8373022	serviceability/sa/ClhsdbScanOops.java assumes no GC should occur
JDK-8373023	[REDO] Remove the default value of InitialRAMPercentage
JDK-8373024	JFR: CPU throttle rate can't handle incorrect values
JDK-8373046	Method::get_c2i_unverified_entry() and get_c2i_no_clinit_check_entry() are missing check for abstract method
JDK-8373048	Genshen: Remove dead code from Shenandoah
JDK-8373049	Update JCTest suite
JDK-8373062	JFR build failure with CDS disabled
JDK-8373063	Test sun/security/provider/acvp/ML_DSA_Intrinsic_T est.java fails on Aarch64 after JDK-8372816
JDK-8373080	Parallel: gc/arguments/TestMinInitialErgonomics.java should not be run with Large Pages
JDK-8373086	Make isexceeded001.java more robust
JDK-8373099	Problem list intermittently failing test sun/awt/image/bug8038000.java
JDK-8373105	Test tools/jpackage/share/AsyncTest.java failed: problem running hdiutil

Issue ID	Summary
JDK-8373106	JFR suspend/resume deadlock on macOS in pthreads library
JDK-8373110	jstack --mixed frames are broken on macOS after JDK-8371194
JDK-8373111	Test java/lang/management/MemoryMXBean/MemoryManagement.java timed out
JDK-8373116	Genshen: arraycopy_work should be always done for arrays in old gen during young concurrent marking
JDK-8373119	JDK 26 RDP1 L10n resource files update
JDK-8373122	JFR build failure with CDS disabled due to -Werror=unused-function after JDK-8365400
JDK-8373145	[BACKOUT] Remove ThreadLocalAllocBuffer::_reserve_for_allocation_n_prefetch
JDK-8373246	JDK-8351842 broke native debugging on Linux
JDK-8373255	Unexpected iobj and ipdb files after JDK-8370438
JDK-8373409	java/net/httpclient/http3/H3ErrorHandlingTest.java failed due to deadlock
JDK-8373427	StructuredTaskScope::join not clear if called with interrupted status set

Issue ID	Summary
JDK-8373448	jpackage: StackOverflowError when processing a very long argument
JDK-8373453	C2 SuperWord: must handle load slices that have loads with different memory inputs
JDK-8373485	JFR Crash during sampling: assert(jt →has_last_java_frame()) failed: invariant
JDK-8373502	C2 SuperWord: speculative check uses VPointer variable was pinned after speculative check, leading to bad graph
JDK-8373508	C2: sinking CreateEx out of loop breaks the graph
JDK-8373524	C2: no reachable node should have no use
JDK-8373525	C2: assert(!_base == Long) failed: Not a Long
JDK-8373552	ExactConversionsSupport: bad JLS links in javadoc
JDK-8373579	Problem list compiler/runtime/Test7196199.java
JDK-8373627	assert(!is_vthread_transition_disabler()) failed: no suspend allowed for vthread transition disablers
JDK-8373630	r18_tls should not be modified on Windows AArch64

Issue ID	Summary
JDK-8373643	Test serviceability/jvmti/vthread/ThreadListStackTracesTest/ThreadListStackTracesTest.java still failing
JDK-8373679	Link color accessibility issue in dark theme
JDK-8373714	Shenandoah: Register heuristic penalties following a degenerated GC
JDK-8373722	[TESTBUG] compiler/vectorapi/TestVectorOperationsWithPartialSize.java fails intermittently
JDK-8373724	Assertion failure in TestSignumVector.java with UseAPX
JDK-8373727	New XBM images parser regression: only the first line of the bitmap array is parsed
JDK-8373807	test/jdk/java/net/httpclient/websocket/DummyWebSocketServer.java getURI() uses "localhost"
JDK-8373832	Test java/lang/invoke/TestVHInvokerCaching.java tests nothing
JDK-8373909	JSpec and ToolGuide taglets use incorrect relative path
JDK-8373946	Synth ProgressBarUI implementation confuses background painting with border painting
JDK-8374044	Docs build fails: Cannot determine current path

Issue ID	Summary
JDK-8374195	TestReplaceNarrowPhiWithBottomPhi fails on ppc64 platforms in (fast)debug
JDK-8374210	[BACKOUT] Move input validation checks to Java for java.lang.StringCoding intrinsics
JDK-8374233	Overloaded constructor MountUnmountDisabler(jthread thread) is missed
JDK-8374382	(aio) AsynchronousFileChannel writes wrong content using heap ByteBuffer when position != 0
JDK-8374433	java/util/Locale/PreserveTagCase.java does not run any tests
JDK-8374435	assert(addp→is_AddP()) failed: must be AddP during EA with -XX:-UseCompressedOops
JDK-8374507	GHA: Limit debug symbols generation to conserve disk space
JDK-8374555	No need for visible input warning in s.s.u.Password when not reading from System.in
JDK-8374570	Assertion failure in ClearArray.java with -XX:+EnableX86EcoreOpts
JDK-8374632	Broken list layout in the man page of jlink
JDK-8374642	EscapeHash macro fails with GNU make 4.3 and 4.4

Issue ID	Summary
JDK-8374743	G1 starts a concurrent mark when allocating humongous objects during initialization
JDK-8374796	CompressedOops versions of runtime/cds/TestDefaultArchiveLoading.java aren't run
JDK-8375130	[BACKOUT] Scalability issue when submitting virtual threads with almost empty tasks
JDK-8375314	Parallel: Crash iterating over unloaded classes for ObjectCountAfterGC event
JDK-8375541	G1: Race in G1BarrierSet::write_ref_field_post()
JDK-8375549	ConcurrentModificationException if jdk.crypto.disabledAlgorithms has multiple entries with known oid
JDK-8375653	C2: CmpUNode::sub is not monotonic
JDK-8375683	Add notes for sctp tests
JDK-8375775	JDK 26 RDP2 L10n resource files update
JDK-8376035	Remove EA from the JDK 26 version string with first RC promotion
JDK-8376169	JPopupMenu.setInvoker(null) causes NPE
JDK-8377509	Add licenses for gcc 14.2.0

JFX issues

This is the list of JFX issues fixed in this release.

Issue ID	Summary
JDK-8091429	ObservableList<E>#replaceRange(int from, int to, Collection<? extends E> col)
JDK-8092379	GridPane should not render extra gaps when entire rows or columns are unmanaged
JDK-8179462	Remove obsolete -XDignore.symbol.file flag from build
JDK-8184166	SortedList does not free up memory
JDK-8252373	[macOS] Stage with owner disappears when moved to another screen
JDK-8255248	NullPointerException in JFXPanel due to race condition in HostContainer
JDK-8269630	Bad clipboard data causes JVM to crash
JDK-8271024	Implement macOS Metal Rendering Pipeline
JDK-8271205	[windows] Intermittent test failure in test.javafx.scene.web.MiscellaneousTest::testDOMTimer
JDK-8296653	ComboBox promptText is not displayed when the value is reset
JDK-8314820	Unify Screen adapter ordinal logic

Issue ID	Summary
JDK-8318095	TextArea/TextFlow: wrong layout in RTL mode
JDK-8321625	ContextMenuNPETest fails intermittently on Linux
JDK-8322486	ColorPicker: blurry popup
JDK-8324941	POC for Headless platform for JavaFX
JDK-8326428	[Linux] UI scaling factor cannot be fractional when using KDE
JDK-8328684	HellowWebView demo crashes when a webpage is scrolled
JDK-8329874	JavaFX debug builds fail on Linux
JDK-8330559	Trailing space not rendering correctly in TextFlow in RTL mode
JDK-8334593	Adding, removing and then adding a JFXPanel again leads to NullPointerException
JDK-8335748	Rippling of frame on scrolling
JDK-8336332	Rework tests to avoid unrelated stderr output
JDK-8340378	[XWayland] FXCanvas apps and tests crash on Ubuntu 24.04
JDK-8341286	TreeView: visual artifacts when setting new root with null value

Issue ID	Summary
JDK-8341560	Better documentation for KeyCombinations/KeyCodes/KeyEvents
JDK-8346281	[Windows] RenderScale doesn't update to HiDPI changes
JDK-8350479	SW pipeline should use default pipeline in Glass
JDK-8351357	Add canary system test checking if Stage receives focus on show
JDK-8352999	[macOS] Conditional behavior by directly querying the Objective-C call stack
JDK-8353743	[TestBug] Monkey Tester Application Update 6
JDK-8355990	[macOS] Restoring a maximized stage does not update the window size
JDK-8356687	[TestBug] SWT tests do not run on macOS
JDK-8356688	[TestBug] SWT tests fail on some Linux distros
JDK-8356770	TreeTableView not updated after removing a TreeItem with children and adding it to another parent
JDK-8356982	Update WebKit to 622.1
JDK-8358092	Create accessibility protocol implementation that covers various type of menu items
JDK-8358130	[Metal] Merge shader compilation tasks

Issue ID	Summary
JDK-8358450	Viewport characteristics media features
JDK-8358820	Allow interpolation outside of range [0,1]
JDK-8359108	Mac - When Swing starts First, native application menu doesn't work for JavaFX
JDK-8359154	Intermittent system test failures on macOS
JDK-8359599	Calling refresh() for all virtualized controls recreates all cells instead of refreshing the cells
JDK-8359601	Fix window button states of an extended stage
JDK-8359759	Remove the FXPermission class
JDK-8359763	Close request handler is not called for an extended stage
JDK-8360270	Websocket communication issues with Vaadin applications through webview
JDK-8360586	JavaFX build uses deprecated features that will be removed in gradle 9
JDK-8360886	Cmd + plus shortcut does not work reliably
JDK-8360940	Layout stops updating when using Parent#setNeedsLayout(true) due to incorrect state management
JDK-8361286	Allow enabling of background loading for images loaded from an InputStream

Issue ID	Summary
JDK-8361644	Update ICU4C to 77.1
JDK-8361648	Update Glib to 2.84.3
JDK-8361719	Enhance Handling of URIs
JDK-8361893	Update libxml2 to 2.14.5
JDK-8362079	Change JavaFX release version to 26
JDK-8362091	Window title bar should reflect scene color scheme
JDK-8362535	Update libxslt support
JDK-8362873	Regression in BorderPane after JDK-8350149
JDK-8363813	Missing null check in GlassScreen
JDK-8364049	ToolBar shows overflow menu with fractional scale
JDK-8364088	ToolBarSkin: NPE in select()
JDK-8364117	Skip failing test TableViewContextMenuSortTest on Windows
JDK-8364203	Ignore native mac tests on headless
JDK-8364405	Intermittent MenuDoubleShortcutTest failure on Linux and macOS
JDK-8364547	Window size may be incorrect when constrained to min or max

Issue ID	Summary
JDK-8364687	Enable headless with -Dglass.platform=headless
JDK-8364777	RichTextArea: cursor over scrollbar
JDK-8364825	Skip failing MenuDoubleShortcutTest
JDK-8365402	Bump minimum JDK version for JavaFX to JDK 24
JDK-8365515	Create release notes for JavaFX 25
JDK-8365576	Temporarily make Metal the default JavaFX rendering pipeline for macOS
JDK-8365577	Revert to OpenGL as the default JavaFX rendering pipeline for macOS
JDK-8365632	Remove unused local variable in GlassWindow
JDK-8365635	Add MOUSE_DRAG_DONE event type
JDK-8365763	Update copyright header for files modified in 2025
JDK-8366201	RichTextArea: remove allowUndo parameter
JDK-8366202	RichTextArea: wrong style used for typed text
JDK-8366217	Update GStreamer to 1.26.5
JDK-8366739	ToolBar: overflow menu with fractional scale (2)

Issue ID	Summary
JDK-8366744	Update SQLite to 3.50.4
JDK-8366805	Skip failing MenuDoubleShortcutTest on macOS
JDK-8366842	Update the classpath file of the graphics module
JDK-8366986	[Win] Incorrect position and size after hiding iconified stage
JDK-8367045	[Linux] Dead keys not working
JDK-8367306	HeaderButtonOverlayTest fails to compile with TEST_SDK_PATH
JDK-8367370	Accent color platform preference not updating in macOS 26 (Tahoe)
JDK-8367374	JavaFX debug builds fail on Windows
JDK-8367557	Extended stage seems to hang after drag and drop
JDK-8367578	Additional WebKit 622.1 fixes from WebKitGTK 2.48.7
JDK-8367602	Regression: TabPane with wrapped label calculates wrong initial size
JDK-8367898	Skip StageFocusTest on Linux
JDK-8367915	[TestBug] Add system property to ScreenCaptureTestWatcher

Issue ID	Summary
JDK-8367991	Update RegionBackground tests to use ScreenCaptureTestWatcher utility
JDK-8367995	[TestBug] Rename ErrorLoggingUtility
JDK-8368021	Window buttons of extended RTL stage are on the wrong side
JDK-8368166	Media query should accept multiple rules
JDK-8368219	Skip MenuDoubleShortcutTest on macOS & Linux
JDK-8368375	Skip intermittently failing SWTCursorsTest
JDK-8368478	RichTextArea: add IME support
JDK-8368508	Missing info in JavaFX CSS Reference Guide
JDK-8368511	Incorrect "Group" name after click on link in JavaFX CSS Reference Guide
JDK-8368600	Missing "/DELAYLOAD:shlwapi.dll" in win.gradle
JDK-8368629	Texture.update sometimes invoked for a disposed Texture
JDK-8368631	Avoid updating disposed MTLTexture
JDK-8368691	Update libxml2 to 2.14.6
JDK-8368704	Better glyph handling

Issue ID	Summary
JDK-8368879	Intermittent crash on exit when disposing MTLRTTextureData
JDK-8368972	Create implementation of menu bar accessibility component
JDK-8369085	RichTextArea SELECT_PARAGRAPH to include line separator
JDK-8369140	GHA: Update macOS / x64 build to use macos-15-intel runner
JDK-8369306	Implement invokeAndWait and finishTerminating on headless platform
JDK-8369820	FX: Update copyright year in docs, readme files to 2026
JDK-8369836	Update HeaderBar API
JDK-8370140	RichTextArea: line endings
JDK-8370235	WebKit build fails on Windows 32-bit and Linux 32-bit after JDK-8367578
JDK-8370253	CodeArea: NPE on copy
JDK-8370446	Support dialogs with StageStyle.EXTENDED (Preview)
JDK-8370632	Additional libxslt 1.1.43 fixes
JDK-8370652	Control and ScrollPaneSkin should snap computed width/height values to prevent scrollbars appearing due to rounding errors

Issue ID	Summary
JDK-8370881	Update Gradle to 9.2.0
JDK-8370883	Update boot JDK to 25.0.1
JDK-8370912	Formatting error on JavaDoc because of missing quotation mark
JDK-8371052	Update libFFI to 3.5.2
JDK-8371067	RichTextArea: requestLayout by inline node doesn't reach VFlow
JDK-8371069	RichTextArea: caret with inline node
JDK-8371070	RichParagraph enhancements
JDK-8371080	RichTextArea: missing styles in Caspian
JDK-8371087	Remove unused dependency on jdk.unsupported from javafx.graphics
JDK-8371106	[macOS] Min/max window height is incorrect for EXTENDED StageStyle
JDK-8371128	NullPointerException occurs due to double cleanup of SwingNode
JDK-8371183	RichTextModel: ContentChange.isEdit incorrect undoing style modification
JDK-8371302	[Windows] Stage coordinates in secondary display are not properly updated after changing settings of first display

Issue ID	Summary
JDK-8371386	Fix potential NPE in SwingNode
JDK-8371855	Time stamps are missing on zip bundles with gradle 9
JDK-8371859	Dialog unnecessarily invokes DialogPane.requestLayout()
JDK-8371981	Wrong split caret positioning with mixed text
JDK-8372203	Piecewise linear easing function
JDK-8372275	NPE in D3DResourceFactory.createPresentable
JDK-8372298	RichTextArea: missing API: applyParagraphStyle
JDK-8372303	Remove obsolete tbom files from /doc-files
JDK-8372438	SimpleViewOnlyStyledModel: non-text paragraphs
JDK-8372453	[macOS] Iconifying owner may not iconify owned window
JDK-8372761	Prevent degenerate transforms for zero-size Scene/SubScene
JDK-8373038	Interpolator factories should follow method naming convention
JDK-8373058	Media crash when playing MP3 over JRT protocol on macOS 26

Issue ID	Summary
JDK-8373098	RichTextArea: NPE in InputMethodRequests
JDK-8373193	RichTextArea: exceptions specifying position beyond the document end
JDK-8373885	Compilation failure due to a warning when compiling with Java 25
JDK-8373908	XYChart (ScatteredChart) leaks memory when removing data
JDK-8374035	RichTextArea: add insertStyles property
JDK-8374153	Add a MAX_COMPILE_THREADS gradle property to limit number of threads
JDK-8374208	Remove superfluous field in XYChart
JDK-8374329	PasswordField ignores custom accessible text
JDK-8374347	StyleAttributeMap.Builder.setParagraphDirection()
JDK-8374515	javafx.scene.PropertyHelper causes unnecessary silent NullPointerException
JDK-8374567	Reference to "bugs.openjdk.org" sometimes redirects to login page
JDK-8374573	Update copyright header for files modified in 2025
JDK-8374655	Update CONTRIBUTING.md to ask PR authors to enable GHA in their repo

Issue ID	Summary
JDK-8374909	CodeArea: Exception in IME
JDK-8375243	Improve javafx.scene.layout package documentation

6. Updates to Third Party Libraries

This is the list of changes in the third party libraries.

Library	Full name	New Version	Module	JBS number
AES	AES implementation	FIPS 197	java.base	JDK-8326609
BCEL	Apache Commons BCEL	6.10.0	java.xml	JDK-8336695
CLDR	CLDR	48.0	jdk.localedata	JDK-8354548
ICU4J	ICU4J	78.1	java.base	JDK-8346944
Libpng	Libpng	1.6.51	java.desktop	JDK-8372534

7. Upgrading to the New Version

To keep your Liberica JDK up-to-date and secure, always upgrade to the newest available version once it is released. To upgrade, install the new version over the previous one. For the installation instructions, see [Liberica JDK Installation Guide](#).



Liberica JDK 26+37
Release Notes

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