



Spark Release 3.5.5

Spark 3.5.5 is the fourth maintenance release containing security and correctness fixes. This release is based on the branch-3.5 maintenance branch of Spark. We strongly recommend all 3.5 users to upgrade to this stable release.

Notable changes

- [SPARK-45013] (<https://issues.apache.org/jira/browse/SPARK-45013>): Flaky Test with NPE: track allocated resources by taskId
- [SPARK-48899] (<https://issues.apache.org/jira/browse/SPARK-48899>): Fix ENV key value format in K8s Dockerfiles
- [SPARK-50091] (<https://issues.apache.org/jira/browse/SPARK-50091>): Query fails when aggregate expression is in left-hand operand of IN-subquery
- [SPARK-50624] (<https://issues.apache.org/jira/browse/SPARK-50624>): Add TimestampNTZType to ColumnarRow/MutableColumnarRow
- [SPARK-50769] (<https://issues.apache.org/jira/browse/SPARK-50769>): ClassCastException in HistogramNumeric
- [SPARK-50784] (<https://issues.apache.org/jira/browse/SPARK-50784>): Fix lint-scala not to ignore scalastyle errors
- [SPARK-50797] (<https://issues.apache.org/jira/browse/SPARK-50797>): Move HiveCharVarcharTestSuite from o/a/s/sql to o/a/s/sql/hive
- [SPARK-50853] (<https://issues.apache.org/jira/browse/SPARK-50853>): Close temp shuffle file writable channel
- [SPARK-50870] (<https://issues.apache.org/jira/browse/SPARK-50870>): DataSourceV2 relations may contain unresolved cast expressions after materializing current_timestamp()
- [SPARK-50890] (<https://issues.apache.org/jira/browse/SPARK-50890>): Skip test_take in Spark Connect only build
- [SPARK-50946] (<https://issues.apache.org/jira/browse/SPARK-50946>): When using Java version 17.0.14, the SPARK-35907: createDirectory test in UtilsSuite will fail.
- [SPARK-50984] (<https://issues.apache.org/jira/browse/SPARK-50984>): Make ExpressionImplUtilsSuite robust by matching JDK msgs via regex

- [SPARK-50987] (<https://issues.apache.org/jira/browse/SPARK-50987>): Make `spark-connect-overview.md`'s version strings up-to-date
- [SPARK-50998] (<https://issues.apache.org/jira/browse/SPARK-50998>): Fix `spark.kubernetes.configMap.maxSize` default value in docs
- [SPARK-51027] (<https://issues.apache.org/jira/browse/SPARK-51027>): Prevent `HiveClient.runSqlHive` invocation in non-testing environment
- [SPARK-51033] (<https://issues.apache.org/jira/browse/SPARK-51033>): Fix `CryptoStreamUtilsSuite` to use `sameElements` for array comparison
- [SPARK-51039] (<https://issues.apache.org/jira/browse/SPARK-51039>): Fix `hive-llap-common` dependency to use `hive.llap.scope` in `root pom.xml`
- [SPARK-51042] (<https://issues.apache.org/jira/browse/SPARK-51042>): Read and write `CalendarIntervals` using one call to `get/putLong` consistently
- [SPARK-51061] (<https://issues.apache.org/jira/browse/SPARK-51061>): Hide Jetty info in REST Submission API
- [SPARK-51071] (<https://issues.apache.org/jira/browse/SPARK-51071>): Upgrade `upload-artifact` to v4 to recover branch-3.5 CI
- [SPARK-51093] (<https://issues.apache.org/jira/browse/SPARK-51093>): Fix minor endianness issues in tests
- [SPARK-51104] (<https://issues.apache.org/jira/browse/SPARK-51104>): Use self-host javascript and CSS in Spark website
- [SPARK-51128] (<https://issues.apache.org/jira/browse/SPARK-51128>): Self host `docsearch.min.css.map`
- [SPARK-51129] (<https://issues.apache.org/jira/browse/SPARK-51129>): Fix code tab switching in Spark Website
- [SPARK-51157] (<https://issues.apache.org/jira/browse/SPARK-51157>): Add missing `@varargs` Scala annotation for scala function APIs
- [SPARK-51164] (<https://issues.apache.org/jira/browse/SPARK-51164>): Fix `CallerContext` test by enabling `hadoop.caller.context.enabled`
- [SPARK-51173] (<https://issues.apache.org/jira/browse/SPARK-51173>): Add `configName` Scalastyle rule
- [SPARK-51185] (<https://issues.apache.org/jira/browse/SPARK-51185>): Revert simplifications to `PartitionedFileUtil` API due to increased risk of OOM
- [SPARK-51187] (<https://issues.apache.org/jira/browse/SPARK-51187>): Implement the graceful deprecation of incorrect config

introduced in SPARK-49699

- [SPARK-51219] (<https://issues.apache.org/jira/browse/SPARK-51219>): Catalog.listTables fails on temp table when non-V2SessionCatalog is in use
- [SPARK-51244] (<https://issues.apache.org/jira/browse/SPARK-51244>): Upgrade left Github Action image from ubuntu-20.04 to ubuntu-22.04 and solved the TPCDSQueryBenchmark compatibility issue

Dependency changes

While being a maintenance release we did still upgrade some dependencies in this release they are:

- [SPARK-50886] (<https://issues.apache.org/jira/browse/SPARK-50886>): Upgrade Avro to 1.11.4

You can consult JIRA for the detailed changes (<https://s.apache.org/spark-3.5.5>).

We would like to acknowledge all community members for contributing patches to this release.

Spark News Archive (</news/>)

Latest News

Spark 3.5.5 released (</news/spark-3-5-5-released.html>) (Feb 27, 2025)

Spark 3.5.4 released (</news/spark-3-5-4-released.html>) (Dec 20, 2024)

Spark 3.4.4 released (</news/spark-3-4-4-released.html>) (Oct 27, 2024)

Preview release of Spark 4.0 (</news/spark-4.0.0-preview2.html>) (Sep 26, 2024)

[Archive \(/news/index.html\)](/news/index.html)



(<https://www.apache.org/events/current-event.html>)

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Built-in Libraries:

SQL and DataFrames (</sql/>)

[Spark Streaming \(/streaming/\)](/streaming/)

[MLlib \(machine learning\) \(/mllib/\)](/mllib/)

[GraphX \(graph\) \(/graphx/\)](/graphx/)

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