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<a href="#">Apache Storm 0.8.1 released (/2012/09/06/storm081-released.html)</a>

Apache Storm 0.8.0 and Trident released (/2012/08/02/storm080-released.html)

# Apache Storm 2.8.6 Released

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The Apache Storm community is pleased to announce that version 2.8.6 has been released and is available from the downloads page (/downloads.html).

This release includes security fixes, new features, bug fixes, and library updates. We encourage users of previous versions to upgrade to this latest release.

## Thanks

Special thanks are due to all those who have contributed to Apache Storm -- whether through direct code contributions, documentation, bug reports, or helping other users on the mailing lists. Your efforts are much appreciated.

## Changes in this Release - Storm 2.8.6

JIRA issues addressed in the 2.8.6 release of Storm. Documentation for this release is available at the Apache Storm project site (<https://storm.apache.org/>).

## Security Fixes

### CVE-2026-35337 - Deserialization of Untrusted Data vulnerability in Apache Storm

**Versions Affected:** before 2.8.6.

**Description:** When processing topology credentials submitted via the Nimbus Thrift API, Storm deserializes the base64-encoded TGT blob using `ObjectInputStream.readObject()` without any class filtering or validation. An authenticated user with topology submission rights could supply a crafted serialized object in the "TGT" credential field, leading to remote code execution in both the Nimbus and Worker JVMs.

**Mitigation:** 2.x users should upgrade to 2.8.6.

Users who cannot upgrade immediately should monkey-patch an `ObjectInputFilter` `allow-list` to `ClientAuthUtils.deserializeKerberosTicket()` restricting deserialized classes to `javax.security.auth.kerberos.KerberosTicket` and its known dependencies; see for details. ([https://dist.apache.org/repos/dist/release/storm/apache-storm-2.8.6/RELEASE\\_NOTES.html](https://dist.apache.org/repos/dist/release/storm/apache-storm-2.8.6/RELEASE_NOTES.html))

**Credit:** This issue was discovered by K.

# CVE-2026-35565 - Stored Cross-Site Scripting (XSS) via Unsanitized Topology Metadata in Storm UI

**Versions Affected:** before 2.8.6.

**Description:** The Storm UI visualization component interpolates topology metadata including component IDs, stream names, and grouping values directly into HTML via `innerHTML` in `parseNode()` and `parseEdge()` without sanitization at any layer. An authenticated user with topology submission rights could craft a topology containing malicious HTML/JavaScript in component identifiers, resulting in stored cross-site scripting. In multi-tenant deployments, this enables privilege escalation through script execution in an admin's browser session.

**Mitigation:** 2.x users should upgrade to 2.8.6.

Users who cannot upgrade immediately should monkey-patch the related escaping; see for details.

([https://dist.apache.org/repos/dist/release/storm/apache-storm-2.8.6/RELEASE\\_NOTES.html](https://dist.apache.org/repos/dist/release/storm/apache-storm-2.8.6/RELEASE_NOTES.html))

**Credit:** This issue was discovered while investigating another report by K.

## Enhancements

- [#8483 (<https://github.com/apache/storm/pull/8483>)] - Migrate to Java 24+ compatible security APIs and add Java 25 to CI
- [#8452 (<https://github.com/apache/storm/pull/8452>)] - Passing Conf object to KryoDecorator
- [#8305 (<https://github.com/apache/storm/issues/8305>)] - Improve dev-tools/release\_notes.py to deal with multiple tags in an issue

## Dependency upgrades

- [#8502 (<https://github.com/apache/storm/pull/8502>)] - Bump com.google.errorprone:error\_prone\_annotations from 2.48.0 to 2.49.0
- [#8501 (<https://github.com/apache/storm/pull/8501>)] - Bump redis.clients:jedis from 7.4.0 to 7.4.1
- [#8500 (<https://github.com/apache/storm/pull/8500>)] - Bump cytoscape from 3.33.1 to 3.33.2 in /storm-webapp
- [#8499 (<https://github.com/apache/storm/pull/8499>)] - Bump lodash from 4.17.23 to 4.18.1 in /storm-webapp
- [#8497 (<https://github.com/apache/storm/pull/8497>)] - Bump io.netty:netty-bom from 4.2.10.Final to 4.2.12.Final
- [#8496 (<https://github.com/apache/storm/pull/8496>)] - Bump jetty.version from 12.1.7 to 12.1.8
- [#8495 (<https://github.com/apache/storm/pull/8495>)] - Bump activemq.version from 6.2.1 to 6.2.3
- [#8494 (<https://github.com/apache/storm/pull/8494>)] - Bump hadoop.version from 3.4.3 to 3.5.0
- [#8493 (<https://github.com/apache/storm/pull/8493>)] - Bump start-server-and-test from 2.1.5 to 3.0.0 in /storm-webapp
- [#8492 (<https://github.com/apache/storm/pull/8492>)] - Bump mini-css-extract-plugin from 2.10.1 to 2.10.2 in /storm-webapp
- [#8491 (<https://github.com/apache/storm/pull/8491>)] - Bump webpack-cli from 7.0.0 to 7.0.2 in /storm-webapp
- [#8490 (<https://github.com/apache/storm/pull/8490>)] - Bump cypress from 15.12.0 to 15.13.0 in /storm-webapp
- [#8489 (<https://github.com/apache/storm/pull/8489>)] - Bump actions/upload-artifact from 4.6.2 to 7.0.0

- [#8488 (<https://github.com/apache/storm/pull/8488>)] - Bump actions/setup-node from 4.4.0 to 6.3.0
- [#8487 (<https://github.com/apache/storm/pull/8487>)] - Bump actions/download-artifact from 4.3.0 to 8.0.1
- [#8476 (<https://github.com/apache/storm/pull/8476>)] - Bump org.rocksdb:rocksdbjni from 10.2.1 to 10.10.1
- [#8475 (<https://github.com/apache/storm/pull/8475>)] - Bump org.apache.maven:maven-resolver-provider from 3.9.12 to 3.9.14
- [#8474 (<https://github.com/apache/storm/pull/8474>)] - Bump org.apache.maven.plugins:maven-shade-plugin from 3.6.1 to 3.6.2
- [#8473 (<https://github.com/apache/storm/pull/8473>)] - Bump netty-tcnative.version from 2.0.74.Final to 2.0.75.Final
- [#8472 (<https://github.com/apache/storm/pull/8472>)] - Bump com.fasterxml.jackson:jackson-bom from 2.21.1 to 2.21.2
- [#8471 (<https://github.com/apache/storm/pull/8471>)] - Bump io.netty:netty-bom from 4.2.10.Final to 4.2.12.Final
- [#8470 (<https://github.com/apache/storm/pull/8470>)] - Bump joda-time:joda-time from 2.14.0 to 2.14.1
- [#8469 (<https://github.com/apache/storm/pull/8469>)] - Bump byte-buddy.version from 1.18.5 to 1.18.8
- [#8468 (<https://github.com/apache/storm/pull/8468>)] - Bump storm.kafka.client.version from 4.1.1 to 4.2.0
- [#8467 (<https://github.com/apache/storm/pull/8467>)] - Bump activemq.version from 6.2.1 to 6.2.3
- [#8466 (<https://github.com/apache/storm/pull/8466>)] - Bump org.apache.logging.log4j:log4j-bom from 2.25.3 to 2.25.4
- [#8465 (<https://github.com/apache/storm/pull/8465>)] - Bump prometheus.client.version from 1.5.0 to 1.5.1
- [#8464 (<https://github.com/apache/storm/pull/8464>)] - Bump org.checkerframework:checker-qual from 3.53.1 to 3.54.0
- [#8463 (<https://github.com/apache/storm/pull/8463>)] - Bump com.github.eirslett:frontend-maven-plugin from 1.15.1 to 2.0.0
- [#8462 (<https://github.com/apache/storm/pull/8462>)] - Bump redis.clients:jedis from 7.3.0 to 7.4.0
- [#8461 (<https://github.com/apache/storm/pull/8461>)] - Bump commons-logging:commons-logging from 1.3.5 to 1.3.6
- [#8460 (<https://github.com/apache/storm/pull/8460>)] - Bump spring.version from 7.0.5 to 7.0.6
- [#8459 (<https://github.com/apache/storm/pull/8459>)] - Bump jetty.version from 12.1.6 to 12.1.7
- [#8458 (<https://github.com/apache/storm/pull/8458>)] - Bump com.fasterxml.jackson.core:jackson-databind from 2.21.1 to 2.21.2
- [#8447 (<https://github.com/apache/storm/pull/8447>)] - Bump serialize-javascript from 7.0.4 to 7.0.5 in /storm-webapp
- [#8437 (<https://github.com/apache/storm/pull/8437>)] - Bump ruby/setup-ruby from 1.295.0 to 1.298.0
- [#8436 (<https://github.com/apache/storm/pull/8436>)] - Bump picomatch from 4.0.3 to 4.0.4 in /storm-webapp

## Bug fixing

- [#8456 (<https://github.com/apache/storm/issues/8456>)] - Storm 2.8.5 GUI using scientific notation in columns for large numbers
- [#8442 (<https://github.com/apache/storm/pull/8442>)] - Fix NPE in getSupervisorPageInfo for unknown hostnames
- [#8441 (<https://github.com/apache/storm/pull/8441>)] - Fix NPE in mkAssignments when assignment is deleted during scheduling
- [#8440 (<https://github.com/apache/storm/pull/8440>)] - Fix corrupted record counter in SequenceFileReader.Offset.increment()
- [#8457 (<https://github.com/apache/storm/pull/8457>)] - Fix scientific notation display for large numbers in Storm UI table

## Meetups

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## About Apache Storm

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Apache Storm integrates with any queueing system and any database system. Apache Storm's spout abstraction makes it easy to integrate a new queueing system. Likewise, integrating Apache Storm with database systems is easy.

## First Look

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- > [Rationale \(/releases/current/Rationale.html\)](/releases/current/Rationale.html)
- > [Tutorial \(/releases/current/Tutorial.html\)](/releases/current/Tutorial.html)
- > [Setting up development environment \(/releases/current/Setting-up-development-environment.html\)](/releases/current/Setting-up-development-environment.html)
- > [Creating a new Apache Storm project \(/releases/current/Creating-a-new-Storm-project.html\)](/releases/current/Creating-a-new-Storm-project.html)

## Documentation

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- > [Index \(/releases/current/index.html\)](/releases/current/index.html)
- > [Javadoc \(/releases/current/javadocs/index.html\)](/releases/current/javadocs/index.html)
- > [FAQ \(/releases/current/FAQ.html\)](/releases/current/FAQ.html)

## Misc

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  - > [Sponsors \(https://www.apache.org/foundation/thanks.html\)](https://www.apache.org/foundation/thanks.html)
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