



# Integer overflow in the Libraries component in NSS

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2026-2781
<b>State</b>	PUBLISHED
<b>Assigner</b>	mozilla
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-02-24 14:16:26 UTC
<b>Updated</b>	2026-04-21 13:16:19 UTC
<b>Description</b>	Integer overflow in the Libraries component in NSS. This vulnerability was fixed in Firefox 148, Firefox ESR 140.8, Thunder

## Risk And Classification

**Primary CVSS:** v3.1 9.8 CRITICAL from nvd@nist.gov

[CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H](#)

**EPSS:** 0.000500000 probability, percentile 0.153940000 (date 2026-04-22)

**Problem Types:** CWE-190 | CWE-190 CWE-190 Integer Overflow or Wraparound

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	<a href="#">CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H</a>
3.1	ADP	DECLARED	8.8	HIGH	<a href="#">CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H</a>
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	8.8	HIGH	<a href="#">CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H</a>

## CVSS v3.1 Breakdown

Attack Vector

**Network**

Attack Complexity

**Low**

Privileges Required

**None**

User Interaction

**None**

Scope

**Unchanged**

Confidentiality

**High**

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Thunderbird	All	All	All	All
Application	Mozilla	Thunderbird	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mozilla	Firefox	unaffected 115.35 115.* rpm	Not specified
CNA	Mozilla	Firefox	unaffected 140.8 140.* rpm	Not specified
CNA	Mozilla	Firefox	unaffected 148 * rpm	Not specified
CNA	Mozilla	Thunderbird	unaffected 140.8 140.* rpm	Not specified
CNA	Mozilla	Thunderbird	unaffected 148 * rpm	Not specified

### References

Reference	Source	Link	Tags
<a href="http://www.mozilla.org/security/advisories/mfsa2026-13">www.mozilla.org/security/advisories/mfsa2026-13</a>	security@mozilla.org	<a href="http://www.mozilla.org">www.mozilla.org</a>	Vendor Ad
<a href="http://www.mozilla.org/security/advisories/mfsa2026-17">www.mozilla.org/security/advisories/mfsa2026-17</a>	security@mozilla.org	<a href="http://www.mozilla.org">www.mozilla.org</a>	Vendor Ad
<a href="http://www.mozilla.org/security/advisories/mfsa2026-16">www.mozilla.org/security/advisories/mfsa2026-16</a>	security@mozilla.org	<a href="http://www.mozilla.org">www.mozilla.org</a>	Vendor Ad
<a href="http://www.mozilla.org/security/advisories/mfsa2026-15">www.mozilla.org/security/advisories/mfsa2026-15</a>	security@mozilla.org	<a href="http://www.mozilla.org">www.mozilla.org</a>	Vendor Ad
<a href="http://bugzilla.mozilla.org/show_bug.cgi">bugzilla.mozilla.org/show_bug.cgi</a>	security@mozilla.org	<a href="http://bugzilla.mozilla.org">bugzilla.mozilla.org</a>	Issue Trac
<a href="http://lists.debian.org/debian-lts-announce/2026/03/msg00012.html">lists.debian.org/debian-lts-announce/2026/03/msg00012.html</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="http://lists.debian.org">lists.debian.org</a>	
<a href="http://www.mozilla.org/security/advisories/mfsa2026-31">www.mozilla.org/security/advisories/mfsa2026-31</a>	security@mozilla.org	<a href="http://www.mozilla.org">www.mozilla.org</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical,

### Vendor Comments And Credit

Discovery Credit

**CNA:** Clay Ver Valen (en)

There are currently no legacy QID mappings associated with this CVE.

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