Use-after-free in the JavaScript Engine component

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-2765
State	PUBLISHED
Assigner	mozilla
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-02-24 14:16:24 UTC
Updated	2026-04-13 15:17:21 UTC
Description	Use-after-free in the JavaScript Engine component. This vulnerability was fixed in Firefox 148, Firefox ESR 140.8, Thunderl

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: 0.000230000 probability, percentile 0.061310000 (date 2026-04-15)

Problem Types: CWE-416 | CWE-416 CWE-416 Use After Free

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

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

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 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
www.mozilla.org/security/advisories/mfsa2026-13	security@mozilla.org	www.mozilla.org	Vendor Advisory
www.mozilla.org/security/advisories/mfsa2026-17	security@mozilla.org	www.mozilla.org	Vendor Advisory
www.mozilla.org/security/advisories/mfsa2026-16	security@mozilla.org	www.mozilla.org	Vendor Advisory
www.mozilla.org/security/advisories/mfsa2026-15	security@mozilla.org	www.mozilla.org	Vendor Advisory
bugzilla.mozilla.org/show_bug.cgi	security@mozilla.org	bugzilla.mozilla.org	Issue Tracking, Permissions Required
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Evyatar Ben Asher, Keane Lucas, Nicholas Carlini, Newton Cheng, Daniel Freeman, Alex Gaynor, and Joel Weinberger using Claude from Anthropic (en)

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report