



CVE-2023-28176

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2023-28176
State	PUBLIC
Assigner	security@mozilla.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-06-02 17:15:00 UTC
Updated	2023-11-07 04:10:00 UTC
Description	Mozilla developers Timothy Nikkel, Andrew McCreight, and the Mozilla Fuzzing Team reported memory safety bugs present

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link	Tags
Security Vulnerabilities fixed in Firefox 111 — Mozilla	MISC	www.mozilla.org	
Security Vulnerabilities fixed in Firefox ESR 102.9 — Mozilla	MISC	www.mozilla.org	
Security Vulnerabilities fixed in Thunderbird 102.9 — Mozilla	MISC	www.mozilla.org	
Bug List	MISC	bugzilla.mozilla.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160509](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2023-1333)

160510 Oracle Enterprise Linux Security Update for firefox (ELSA-2023-1336)
160513 Oracle Enterprise Linux Security Update for firefox (ELSA-2023-1337)
160518 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-1401)
160520 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-1403)
160522 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-1407)
181632 Debian Security Update for firefox-esr (DLA 3364-1)
181636 Debian Security Update for thunderbird (DLA 3365-1)
181658 Debian Security Update for firefox-esr (DSA 5374-1)
181671 Debian Security Update for thunderbird (DSA 5375-1)
184685 Debian Security Update for firefox-esrthunderbird (CVE-2023-28176)
199242 Ubuntu Security Notification for Firefox Vulnerabilities (USN-5954-1)
199253 Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5972-1)
241272 Red Hat Update for firefox (RHSA-2023:1336)
241273 Red Hat Update for firefox (RHSA-2023:1333)
241275 Red Hat Update for firefox (RHSA-2023:1337)
241276 Red Hat Update for firefox (RHSA-2023:1367)
241278 Red Hat Update for firefox (RHSA-2023:1364)
241283 Red Hat Update for thunderbird (RHSA-2023:1404)
241284 Red Hat Update for thunderbird (RHSA-2023:1403)
241286 Red Hat Update for thunderbird (RHSA-2023:1402)
241287 Red Hat Update for thunderbird (RHSA-2023:1407)
241288 Red Hat Update for thunderbird (RHSA-2023:1401)
241289 Red Hat Update for firefox (RHSA-2023:1444)
241294 Red Hat Update for thunderbird (RHSA-2023:1472)
241597 Red Hat Update for firefox (RHSA-2023:1479)
241608 Red Hat Update for firefox (RHSA-2023:1445)
241654 Red Hat Update for thunderbird (RHSA-2023:1443)
241670 Red Hat Update for thunderbird (RHSA-2023:1442)
257232 CentOS Security Update for firefox (CESA-2023:1333)

354816 Amazon Linux Security Advisory for thunderbird : ALAS2-2023-1988
356287 Amazon Linux Security Advisory for firefox : ALASFIREFOX-2023-004
378071 Mozilla Firefox ESR Multiple Vulnerabilities (MFSA2023-10)
378072 Mozilla Firefox Multiple Vulnerabilities (MFSA2023-09)
378084 Mozilla Thunderbird Multiple Vulnerabilities (MFSA2023-11)
503456 Alpine Linux Security Update for firefox-esr
506064 Alpine Linux Security Update for firefox-esr
710735 Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 202305-36)
710739 Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 202305-35)
753768 SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2023:0728-1)
753800 SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2023:0763-1)
753830 SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2023:0835-1)
940960 AlmaLinux Security Update for firefox (ALSA-2023:1336)
940961 AlmaLinux Security Update for firefox (ALSA-2023:1337)
940963 AlmaLinux Security Update for thunderbird (ALSA-2023:1403)
940965 AlmaLinux Security Update for thunderbird (ALSA-2023:1407)
960884 Rocky Linux Security Update for firefox (RLSA-2023:1336)
960887 Rocky Linux Security Update for thunderbird (RLSA-2023:1407)
960888 Rocky Linux Security Update for thunderbird (RLSA-2023:1403)
960898 Rocky Linux Security Update for firefox (RLSA-2023:1337)

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