



# CVE-2023-5176

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

## Summary

<b>CVE</b>	CVE-2023-5176
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-09-27 15:19:00 UTC
<b>Updated</b>	2023-10-12 02:56:00 UTC
<b>Description</b>	Memory safety bugs present in Firefox 117, Firefox ESR 115.2, and Thunderbird 115.2. Some of these bugs showed evidence

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	12.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox ESR</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All

## References

Reference	Source	Link	Tags
[SECURITY] [DLA 3601-1] thunderbird security update	MISC	<a href="https://lists.debian.org">lists.debian.org</a>	
Debian -- Security Information -- DSA-5513-1 thunderbird	MISC	<a href="https://www.debian.org">www.debian.org</a>	
[SECURITY] [DLA 3587-1] firefox-esr security update	MISC	<a href="https://lists.debian.org">lists.debian.org</a>	Mailing List, Third Party Advisory
Security Vulnerabilities fixed in Firefox 118 — Mozilla	MISC	<a href="https://www.mozilla.org">www.mozilla.org</a>	
Bug List	MISC	<a href="https://bugzilla.mozilla.org">bugzilla.mozilla.org</a>	
Debian -- Security Information -- DSA-5506-1 firefox-esr	MISC	<a href="https://www.debian.org">www.debian.org</a>	
Security Vulnerabilities fixed in Firefox ESR 115.3 — Mozilla	MISC	<a href="https://www.mozilla.org">www.mozilla.org</a>	
Security Vulnerabilities fixed in Thunderbird 115.3 — Mozilla	MISC	<a href="https://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, analysis

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">160952</a> Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-5435)
<a href="#">160954</a> Oracle Enterprise Linux Security Update for firefox (ELSA-2023-5434)
<a href="#">160959</a> Oracle Enterprise Linux Security Update for firefox (ELSA-2023-5433)
<a href="#">160961</a> Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-5428)
<a href="#">160972</a> Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-5475)
<a href="#">160976</a> Oracle Enterprise Linux Security Update for firefox (ELSA-2023-5477)
<a href="#">199794</a> Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-6405-1)
<a href="#">199795</a> Ubuntu Security Notification for Firefox Vulnerabilities (USN-6404-1)
<a href="#">242088</a> Red Hat Update for thunderbird (RHSA-2023:5429)
<a href="#">242089</a> Red Hat Update for thunderbird (RHSA-2023:5438)
<a href="#">242090</a> Red Hat Update for firefox (RHSA-2023:5433)
<a href="#">242091</a> Red Hat Update for thunderbird (RHSA-2023:5435)
<a href="#">242092</a> Red Hat Update for firefox (RHSA-2023:5427)
<a href="#">242093</a> Red Hat Update for firefox (RHSA-2023:5437)
<a href="#">242094</a> Red Hat Update for thunderbird (RHSA-2023:5439)
<a href="#">242095</a> Red Hat Update for thunderbird (RHSA-2023:5430)
<a href="#">242096</a> Red Hat Update for firefox (RHSA-2023:5436)
<a href="#">242097</a> Red Hat Update for firefox (RHSA-2023:5434)
<a href="#">242098</a> Red Hat Update for firefox (RHSA-2023:5426)
<a href="#">242099</a> Red Hat Update for thunderbird (RHSA-2023:5432)
<a href="#">242100</a> Red Hat Update for firefox (RHSA-2023:5440)
<a href="#">242101</a> Red Hat Update for thunderbird (RHSA-2023:5428)
<a href="#">242108</a> Red Hat Update for thunderbird (RHSA-2023:5475)
<a href="#">242115</a> Red Hat Update for firefox (RHSA-2023:5477)

<a href="#">296106</a> Oracle Solaris 11.4 Support Repository Update (SRU) 64.157.2 Missing (CPUOCT2023)
<a href="#">356892</a> Amazon Linux Security Advisory for firefox : ALAS2FIREFOX-2023-017
<a href="#">378899</a> Mozilla Firefox ESR Multiple Vulnerabilities (MFSA2023-42)
<a href="#">378900</a> Mozilla Firefox Multiple Vulnerabilities (MFSA2023-41)
<a href="#">378901</a> Mozilla Thunderbird Multiple Vulnerabilities (MFSA2023-43)
<a href="#">503462</a> Alpine Linux Security Update for firefox-esr
<a href="#">506070</a> Alpine Linux Security Update for firefox-esr
<a href="#">6000145</a> Debian Security Update for thunderbird (DLA 3601-1)
<a href="#">6000154</a> Debian Security Update for firefox-esr (DLA 3587-1)
<a href="#">6000206</a> Debian Security Update for thunderbird (DSA 5513-1)
<a href="#">6000217</a> Debian Security Update for firefox-esr (DSA 5506-1)
<a href="#">710875</a> Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 202402-25)
<a href="#">754953</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2023:3837-1)
<a href="#">754994</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2023:3899-1)
<a href="#">754995</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2023:3898-1)
<a href="#">755053</a> SUSE Enterprise Linux Security Update for MozillaThunderbird (SUSE-SU-2023:4016-1)
<a href="#">941287</a> AlmaLinux Security Update for thunderbird (ALSA-2023:5435)
<a href="#">941288</a> AlmaLinux Security Update for firefox (ALSA-2023:5434)
<a href="#">961025</a> Rocky Linux Security Update for thunderbird (RLSA-2023:5428)
<a href="#">961027</a> Rocky Linux Security Update for thunderbird (RLSA-2023:5435)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**