



# CVE-2022-46881

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## Summary

<b>CVE</b>	CVE-2022-46881
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-12-22 20:15:00 UTC
<b>Updated</b>	2023-09-13 11:15:00 UTC
<b>Description</b>	An optimization in WebGL was incorrect in some cases, and could have led to memory corruption and a potentially exploita

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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 Vulnerabilities fixed in Firefox 106 — Mozilla	MISC	<a href="http://www.mozilla.org">www.mozilla.org</a>	
Mozilla Firefox: Multiple Vulnerabilities (GLSA 202305-06) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	
Access Denied	MISC	<a href="http://bugzilla.mozilla.org">bugzilla.mozilla.org</a>	
Mozilla Thunderbird: Multiple Vulnerabilities (GLSA 202305-13) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	
Security Vulnerabilities fixed in Thunderbird 102.6 — Mozilla	MISC	<a href="http://www.mozilla.org">www.mozilla.org</a>	
Security Vulnerabilities fixed in Firefox ESR 102.6 — Mozilla	MISC	<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, analysis

No vendor comments have been submitted for this CVE.

## Legacy OID Mappings

160357 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-9079-1)
160358 Oracle Enterprise Linux Security Update for firefox (ELSA-2022-9067-1)
160359 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-9080-1)
160360 Oracle Enterprise Linux Security Update for firefox (ELSA-2022-9072-1)
160362 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-9074-1)
160364 Oracle Enterprise Linux Security Update for firefox (ELSA-2022-9065-1)
181322 Debian Security Update for firefox-esr (DSA 5301-1)
181333 Debian Security Update for thunderbird (DLA 3242-1)
181334 Debian Security Update for firefox-esr (DLA 3241-1)
181336 Debian Security Update for thunderbird (DSA 5303-1)
182777 Debian Security Update for firefox-esrthunderbird (CVE-2022-46881)
199147 Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5824-1)
241014 Red Hat Update for thunderbird (RHSA-2022:9075)
241015 Red Hat Update for firefox (RHSA-2022:9068)
241016 Red Hat Update for thunderbird (RHSA-2022:9081)
241017 Red Hat Update for firefox (RHSA-2022:9066)
241018 Red Hat Update for thunderbird (RHSA-2022:9080)
241020 Red Hat Update for firefox (RHSA-2022:9069)
241021 Red Hat Update for thunderbird (RHSA-2022:9079)
241023 Red Hat Update for firefox (RHSA-2022:9072)
241024 Red Hat Update for firefox (RHSA-2022:9065)
241025 Red Hat Update for thunderbird (RHSA-2022:9078)
241027 Red Hat Update for firefox (RHSA-2022:9067)
241028 Red Hat Update for thunderbird (RHSA-2022:9074)
354760 Amazon Linux Security Advisory for thunderbird : ALAS2-2023-1951
356198 Amazon Linux Security Advisory for firefox : ALASFIREFOX-2023-013
356285 Amazon Linux Security Advisory for firefox : ALASFIREFOX-2023-008
377827 Mozilla Thunderbird Multiple Vulnerabilities (MFSA2022-53)

<a href="#">377828</a> Mozilla Firefox ESR Multiple Vulnerabilities (MFSA2022-52)
<a href="#">503453</a> Alpine Linux Security Update for firefox-esr
<a href="#">506061</a> Alpine Linux Security Update for firefox-esr
<a href="#">710713</a> Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 202305-06)
<a href="#">710715</a> Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 202305-13)
<a href="#">752985</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:4461-1)
<a href="#">752986</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:4460-1)
<a href="#">752997</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:4462-1)
<a href="#">753028</a> SUSE Enterprise Linux Security Update for MozillaThunderbird (SUSE-SU-2022:4579-1)
<a href="#">940860</a> AlmaLinux Security Update for thunderbird (ALSA-2022:9074)
<a href="#">940861</a> AlmaLinux Security Update for firefox (ALSA-2022:9067)
<a href="#">940862</a> AlmaLinux Security Update for firefox (ALSA-2022:9065)
<a href="#">940863</a> AlmaLinux Security Update for thunderbird (ALSA-2022:9080)
<a href="#">960522</a> Rocky Linux Security Update for firefox (RLSA-2022:9067)

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