



# CVE-2023-1999

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

## Summary

<b>CVE</b>	CVE-2023-1999
<b>State</b>	PUBLIC
<b>Assigner</b>	security@google.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-06-20 12:15:00 UTC
<b>Updated</b>	2023-09-17 09:15:00 UTC
<b>Description</b>	There exists a use after free/double free in libwebp. An attacker can use the ApplyFiltersAndEncode() function and loop thro

## Risk And Classification

**Problem Types:** CWE-415 | CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Webmproject	Libwebp	All	All	All	All

## References

Reference	Source	Link	Tags
webm/libwebp - Git at Google	MISC	<a href="https://chromium.googlesource.com">chromium.googlesource.com</a>	
WebP: Multiple vulnerabilities (GLSA 202309-05) — Gentoo security	MISC	<a href="https://security.gentoo.org">security.gentoo.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160571](#) Oracle Enterprise Linux Security Update for libwebp (ELSA-2023-2077)

[160573](#) Oracle Enterprise Linux Security Update for libwebp (ELSA-2023-2078)

[160575](#) Oracle Enterprise Linux Security Update for libwebp (ELSA-2023-2076)

[181796](#) Debian Security Update for libwebp (DSA 5408-1)

181815 Debian Security Update for libwebp (DLA 3439-1)
182674 Debian Security Update for firefox-esr/libwebp/thunderbird (CVE-2023-1999)
199341 Ubuntu Security Notification for libwebp Vulnerability (USN-6078-1)
199531 Ubuntu Security Notification for libwebp Vulnerability (USN-6078-2)
241398 Red Hat Update for libwebp (RHSA-2023:2075)
241399 Red Hat Update for libwebp (RHSA-2023:2084)
241400 Red Hat Update for libwebp (RHSA-2023:2076)
241401 Red Hat Update for libwebp (RHSA-2023:2085)
241402 Red Hat Update for libwebp (RHSA-2023:2077)
241404 Red Hat Update for libwebp (RHSA-2023:2078)
241621 Red Hat Update for thunderbird (RHSA-2023:1803)
241638 Red Hat Update for firefox (RHSA-2023:1789)
241644 Red Hat Update for libwebp (RHSA-2023:2072)
241645 Red Hat Update for thunderbird (RHSA-2023:1805)
241663 Red Hat Update for libwebp (RHSA-2023:2073)
241676 Red Hat Update for firefox (RHSA-2023:1792)
257237 CentOS Security Update for libwebp (CESA-2023:2077)
355408 Amazon Linux Security Advisory for libwebp : ALAS2023-2023-185
356220 Amazon Linux Security Advisory for firefox : ALASFIREFOX-2023-005
356496 Amazon Linux Security Advisory for firefox : ALAS2FIREFOX-2023-005
378511 Alibaba Cloud Linux Security Update for libwebp (ALINUX2-SA-2023:0022)
378911 Microsoft Edge Based on Chromium Prior to 117.0.2045.47 Multiple Vulnerabilities
503015 Alpine Linux Security Update for libwebp
503016 Alpine Linux Security Update for libwebp
503018 Alpine Linux Security Update for libwebp
503115 Alpine Linux Security Update for libwebp
503446 Alpine Linux Security Update for firefox-esr
505889 Alpine Linux Security Update for libwebp
506054 Alpine Linux Security Update for firefox-esr

<a href="#">673213</a> EulerOS Security Update for libwebp (EulerOS-SA-2023-2385)
<a href="#">673236</a> EulerOS Security Update for libwebp (EulerOS-SA-2023-2359)
<a href="#">673281</a> EulerOS Security Update for libwebp (EulerOS-SA-2023-2588)
<a href="#">673287</a> EulerOS Security Update for libwebp (EulerOS-SA-2023-2618)
<a href="#">673329</a> EulerOS Security Update for libwebp (EulerOS-SA-2023-2653)
<a href="#">673565</a> EulerOS Security Update for libwebp (EulerOS-SA-2023-2695)
<a href="#">710735</a> Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 202305-36)
<a href="#">710739</a> Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 202305-35)
<a href="#">710750</a> Gentoo Linux WebP Multiple Vulnerabilities (GLSA 202309-05)
<a href="#">754075</a> SUSE Enterprise Linux Security Update for libwebp (SUSE-SU-2023:2467-1)
<a href="#">754114</a> SUSE Enterprise Linux Security Update for libwebp (SUSE-SU-2023:2552-1)
<a href="#">907355</a> Common Base Linux Mariner (CBL-Mariner) Security Update for libwebp (27181-1)
<a href="#">940997</a> AlmaLinux Security Update for libwebp (ALSA-2023:2076)
<a href="#">941000</a> AlmaLinux Security Update for libwebp (ALSA-2023:2078)
<a href="#">960925</a> Rocky Linux Security Update for libwebp (RLSA-2023:2078)
<a href="#">960939</a> Rocky Linux Security Update for libwebp (RLSA-2023:2076)

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