CVE-2023-44488

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Summary

CVE	CVE-2023-44488
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-30 20:15:00 UTC
Updated	2023-11-16 01:37:00 UTC
Description	VP9 in libvpx before 1.13.1 mishandles widths, leading to a crash related to encoding.

Risk And Classification

Problem Types: CWE-755

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	12.0	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All
Application	Webmproject	Libvpx	All	All	All	All

References

Reference
Fix bug with smaller width bigger size · webmproject/libvpx@263682c · GitHub
[SECURITY] [DLA 3598-1] libvpx security update
[SECURITY] Fedora 37 Update: libvpx-1.12.0-4.fc37 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 37 Update: libvpx-1.12.0-4.fc37 - package-announce - Fedora Mailing-Lists
Comparing v1.13.0...v1.13.1 · webmproject/libvpx · GitHub
Debian -- Security Information -- DSA-5518-1 libvpx
2241806 – (CVE-2023-44488, TRIAGE-CVE-2023-44488) CVE-2023-44488 TRIAGE-CVE-2023-44488 libvpx: crash related to VP9 encoding
libvpx: Multiple Vulnerabilities (GLSA 202310-04) — Gentoo security

libvpx: Multiple Vulnerabilities (GLSA 202310-04) — Gentoo security

Fix bug with smaller width bigger size · webmproject/libvpx@df9fd9d · GitHub

oss-security - Re: CVE-2023-5217: Heap buffer overflow in vp8 encoding in libvpx

Release v1.13.1: libvpx 1.13.1 · webmproject/libvpx · GitHub

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160966 Oracle Enterprise Linux Security Update for libvpx (ELSA-2023-5537)

160970 Oracle Enterprise Linux Security Update for libvpx (ELSA-2023-5539)

161029 Oracle Enterprise Linux Security Update for firefox (ELSA-2023-6162)

161033 Oracle Enterprise Linux Security Update for firefox (ELSA-2023-6187)

161034 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-6191)

161035 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-6194)

161036 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2023-6193)

161037 Oracle Enterprise Linux Security Update for firefox (ELSA-2023-6188)

199793 Ubuntu Security Notification for libvpx Vulnerabilities (USN-6403-1)

199850 Ubuntu Security Notification for libvpx Vulnerabilities (USN-6403-2)

199885 Ubuntu Security Notification for libvpx Vulnerabilities (USN-6403-3)

242128 Red Hat Update for libvpx (RHSA-2023:5535)

242129 Red Hat Update for libvpx (RHSA-2023:5534)

242135 Red Hat Update for libvpx (RHSA-2023:5536)

242136 Red Hat Update for libvpx (RHSA-2023:5538)

242137 Red Hat Update for libvpx (RHSA-2023:5537)

242138 Red Hat Update for libvpx (RHSA-2023:5539)

242139 Red Hat Update for libvpx (RHSA-2023:5540)

242247 Red Hat Update for firefox (RHSA-2023:6162)

242249 Red Hat Update for thunderbird (RHSA-2023:6198)

242250 Red Hat Update for firefox (RHSA-2023:6189)

242251 Red Hat Update for thunderbird (RHSA-2023:6197)

242252 Red Hat Update for firefox (RHSA-2023:6190)

242253 Red Hat Update for firefox (RHSA-2023:6188)

242254 Red Hat Update for firefox (RHSA-2023:6186)

242255 Red Hat Update for firefox (RHSA-2023:6185)

242257 Red Hat Update for thunderbird (RHSA-2023:6196)

242258 Red Hat Update for firefox (RHSA-2023:6199)

242259 Red Hat Update for thunderbird (RHSA-2023:6195)

242355 Red Hat Update for thunderbird (RHSA-2023:6194)

242366 Red Hat Update for thunderbird (RHSA-2023:6192)

242368 Red Hat Update for firefox (RHSA-2023:6187)

242397 Red Hat Update for thunderbird (RHSA-2023:6191)

284655 Fedora Security Update for libvpx (FEDORA-2023-f696934fbf)

296105 Oracle Solaris 11.4 Support Repository Update (SRU) 63.157.1 Missing (CPUOCT2023)

356441 Amazon Linux Security Advisory for thunderbird : ALAS2-2023-2294

356607 Amazon Linux Security Advisory for firefox : ALAS2FIREFOX-2023-016

356629 Amazon Linux Security Advisory for libvpx : ALAS2023-2023-413

378965 Alibaba Cloud Linux Security Update for libvpx (ALINUX3-SA-2023:0129)

6000146 Debian Security Update for libvpx (DLA 3598-1)

6000214 Debian Security Update for libvpx (DSA 5518-1)

673948 EulerOS Security Update for libvpx (EulerOS-SA-2024-1279)

710763 Gentoo Linux libvpx Multiple Vulnerabilities (GLSA 202310-04)

907551 Common Base Linux Mariner (CBL-Mariner) Security Update for libvpx (30066-1)

941289 AlmaLinux Security Update for libvpx (ALSA-2023:5537)

941290 AlmaLinux Security Update for libvpx (ALSA-2023:5539)

941333 AlmaLinux Security Update for thunderbird (ALSA-2023:6191)

941334 AlmaLinux Security Update for firefox (ALSA-2023:6188)

941341 AlmaLinux Security Update for firefox (ALSA-2023:6187)

941343 AlmaLinux Security Update for thunderbird (ALSA-2023:6194)

961069 Rocky Linux Security Update for firefox (RLSA-2023:6188)