



Google Chromium V8 Type Confusion Vulnerability

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2022-3723
State	PUBLIC
Assigner	chrome-cve-admin@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-01 23:15:00 UTC
Updated	2023-05-03 12:16:00 UTC
Description	Type confusion in V8 in Google Chrome prior to 107.0.5304.87 allowed a remote attacker to potentially exploit heap corrupti

Risk And Classification

EPSS: 0.005230000 probability, percentile 0.669710000 (date 2026-04-18)

CISA KEV: Listed on 2022-10-28; due 2022-11-18; ransomware use Unknown

Problem Types: CWE-843

CISA Known Exploited Vulnerability

Vendor	Google
Product	Chromium V8
Name	Google Chromium V8 Type Confusion Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://chromereleases.googleblog.com/2022/10/stable-channel-update-for-desktop_27.html ; https://nvd.nist.gov/vuln/detail/CVE-2022-3723

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Chrome	All	All	All	All

References

Reference	Source	Link
Chrome Releases: Stable Channel Update for Desktop	MISC	chromereleases.go
Chromium, Google Chrome, Microsoft Edge: Multiple Vulnerabilities (GLSA 202305-10) — Gentoo security	GENTOO	security.gentoo.org
1378239 - chromium - An open-source project to help move the web forward. - Monorail	MISC	crbug.com
CVE Program record	CVE.ORG	www.cve.org

CVE Program records	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

181175 Debian Security Update for chromium (DSA 5263-1)
184241 Debian Security Update for chromium (CVE-2022-3723)
377721 Google Chrome Prior to 107.0.5304.87 Multiple Vulnerabilities
377732 Microsoft Edge Based on Chromium Prior to Version 107.0.1418.26/Extended Version 106.0.1370.61 has Multiple Vulnerabilities
690970 Free Berkeley Software Distribution (FreeBSD) Security Update for chromium (1225c888-56ea-11ed-b5c3-3065ec8fd3ec)
710722 Gentoo Linux Chromium, Google Chrome, Microsoft Edge Multiple Vulnerabilities (GLSA 202305-10)
752981 OpenSUSE Security Update for opera (openSUSE-SU-2022:10219-1)
752982 OpenSUSE Security Update for opera (openSUSE-SU-2022:10218-1)
754103 OpenSUSE Security Update for opera (openSUSE-SU-2023:0115-1)

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