



Google Chromium V8 Type Confusion Vulnerability

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

Summary

CVE	CVE-2022-4262
State	PUBLIC
Assigner	chrome-cve-admin@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-12-02 21:15:00 UTC
Updated	2022-12-05 14:18:00 UTC
Description	Type confusion in V8 in Google Chrome prior to 108.0.5359.94 allowed a remote attacker to potentially exploit heap corrupti

Risk And Classification

EPSS: 0.049990000 probability, percentile 0.896650000 (date 2026-04-01)

CISA KEV: Listed on 2022-12-05; due 2022-12-26; 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/2022/12/stable-channel-update-for-desktop.html ; https://nvd.nist.gov/vuln/detail/CVE-2022-4262

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	Ta
Chrome Releases: Stable Channel Update for Desktop	MISC	chromereleases.googleblog.com	
1394403 - chromium - An open-source project to help move the web forward. - Monorail	MISC	crbug.com	
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

NVD vulnerability detail	NVD	nvd.nist.gov	cat
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	ke
No vendor comments have been submitted for this CVE.			
Legacy QID Mappings			
181290 Debian Security Update for chromium (DSA 5295-1)			
183694 Debian Security Update for chromium (CVE-2022-4262)			
377804 Google Chrome Prior to 108.0.5359.94 for Mac and Linux and 108.0.5359.94/.95 for Windows			
377805 Microsoft Edge Based on Chromium Prior to 108.0.1462.41 Multiple Vulnerabilities			
377808 Microsoft Edge Based on Chromium Prior to 108.0.1462.42 Multiple Vulnerabilities			
502938 Alpine Linux Security Update for qt5-qtwebengine			
503234 Alpine Linux Security Update for qt5-qtwebengine			
506191 Alpine Linux Security Update for qt5-qtwebengine			
691001 Free Berkeley Software Distribution (FreeBSD) Security Update for chromium (2899da38-7300-11ed-92ce-3065ec8fd3ec)			
753081 OpenSUSE Security Update for opera (openSUSE-SU-2022:10254-1)			
754103 OpenSUSE Security Update for opera (openSUSE-SU-2023:0115-1)			

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