



CVE-2020-6418

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Summary

CVE	CVE-2020-6418
State	PUBLIC
Assigner	chrome-cve-admin@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-02-27 23:15:00 UTC
Updated	2023-11-07 03:24:00 UTC
Description	Type confusion in V8 in Google Chrome prior to 80.0.3987.122 allowed a remote attacker to potentially exploit heap corrupti

Risk And Classification

EPSS: 0.856720000 probability, percentile 0.993770000 (date 2026-04-21)

CISA KEV: Listed on 2021-11-03; due 2022-05-03; 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://nvd.nist.gov/vuln/detail/CVE-2020-6418

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	9.0	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Google	Chrome	All	All	All	All
Application	Google	Chrome	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All

Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
References						
Reference				Source	Link	
Red Hat Customer Portal				REDHAT	access.redhat.com	
[SECURITY] Fedora 30 Update: chromium-80.0.3987.149-1.fc30 - package-announce - Fedora Mailing-Lists					lists.fedoraproject.org	
Chromium, Google Chrome: Multiple vulnerabilities (GLSA 202003-08) — Gentoo security				GENTOO	security.gentoo.org	
Chrome Releases: Stable Channel Update for Desktop				MISC	chromereleases.googleblog.com	
[SECURITY] Fedora 31 Update: chromium-80.0.3987.132-1.fc31 - package-announce - Fedora Mailing-Lists					lists.fedoraproject.org	
[SECURITY] Fedora 31 Update: chromium-80.0.3987.132-1.fc31 - package-announce - Fedora Mailing-Lists				FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 30 Update: chromium-80.0.3987.149-1.fc30 - package-announce - Fedora Mailing-Lists				FEDORA	lists.fedoraproject.org	
1053604 - chromium - An open-source project to help move the web forward. - Monorail				MISC	crbug.com	
Google Chrome 80 JS Create Side-Effect Type Confusion ≈ Packet Storm				MISC	packetstormsecurity.com	
Debian -- Security Information -- DSA-4638-1 chromium				DEBIAN	www.debian.org	
CVE Program record				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.						
There are currently no legacy QID mappings associated with this CVE.						