



# CVE-2020-16009

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-16009
<b>State</b>	PUBLIC
<b>Assigner</b>	chrome-cve-admin@google.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-11-03 03:15:00 UTC
<b>Updated</b>	2023-11-07 03:18:00 UTC
<b>Description</b>	Inappropriate implementation in V8 in Google Chrome prior to 86.0.4240.183 allowed a remote attacker to potentially exploi

## Risk And Classification

**EPSS:** 0.843830000 probability, percentile 0.993170000 (date 2026-04-01)

**CISA KEV:** Listed on 2021-11-03; due 2022-05-03; ransomware use Unknown

**Problem Types:** CWE-787 | CWE-843

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Google
<b>Product</b>	Chromium V8
<b>Name</b>	Google Chromium V8 Type Confusion Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2020-16009">https://nvd.nist.gov/vuln/detail/CVE-2020-16009</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Cefsharp</a>	<a href="#">Cefsharp</a>	All	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Application	<a href="#">Google</a>	<a href="#">Chrome</a>	All	All	All	All

Application	<a href="#">Google</a>	<a href="#">Chrome</a>	All	All	All	All
Application	<a href="#">Microsoft</a>	<a href="#">Edge</a>	All	All	All	All
Application	<a href="#">Microsoft</a>	<a href="#">Edge</a>	All	All	All	All
Application	<a href="#">Microsoft</a>	<a href="#">Edge Chromium</a>	All	All	All	All
Application	<a href="#">Microsoft</a>	<a href="#">Edge Chromium</a>	All	All	All	All
Application	<a href="#">Opensuse</a>	<a href="#">Backports Sle</a>	15.0	sp1	All	All
Application	<a href="#">Opensuse</a>	<a href="#">Backports Sle</a>	15.0	sp2	All	All
Application	<a href="#">Opensuse</a>	<a href="#">Backports Sle</a>	15.0	sp1	All	All
Application	<a href="#">Opensuse</a>	<a href="#">Backports Sle</a>	15.0	sp2	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All

## References

Reference	Source	Link
1143772 - chromium - An open-source project to help move the web forward. - Monorail	MISC	<a href="#">crbug.com</a>
[SECURITY] Fedora 32 Update: chromium-87.0.4280.66-1.fc32 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[security-announce] openSUSE-SU-2020:1829-1: important: Security update	SUSE	<a href="#">lists.opensuse.org</a>
[security-announce] openSUSE-SU-2020:1831-1: important: Security update	SUSE	<a href="#">lists.opensuse.org</a>
[SECURITY] Fedora 33 Update: chromium-86.0.4240.183-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
Debian -- Security Information -- DSA-4824-1 chromium	DEBIAN	<a href="#">www.debian.org</a>
Chrome V8 Turbofan Type Confusion ≈ Packet Storm	MISC	<a href="#">packetstormsecurity.com</a>
[SECURITY] Fedora 32 Update: chromium-87.0.4280.66-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
Chromium, Google Chrome: Multiple vulnerabilities (GLSA 202011-12) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>
Chrome Releases: Stable Channel Update for Desktop	MISC	<a href="#">chromereleases.googleblog.com</a>
[SECURITY] Fedora 33 Update: chromium-86.0.4240.183-1.fc33 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="#">www.cisa.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[690373](#) Free Berkeley Software Distribution (FreeBSD) Security Update for chromium (3ec6ab59-1e0c-11eb-a428-3065ec8fd3ec)

[750593](#) OpenSUSE Security Update for opera (openSUSE-SU-2020:1952-1)

[983240](#) Dotnet (nuget) Security Update for CefSharp.Wpf.HwndHost (GHSA-m7mf-48hp-5qmr)

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