



# CVE-2021-21220

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

## Summary

<b>CVE</b>	CVE-2021-21220
<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>	2021-04-26 17:15:00 UTC
<b>Updated</b>	2023-12-14 16:15:00 UTC
<b>Description</b>	Insufficient validation of untrusted input in V8 in Google Chrome prior to 89.0.4389.128 allowed a remote attacker to potenti

## Risk And Classification

**EPSS:** 0.925950000 probability, percentile 0.997400000 (date 2026-04-01)

**CISA KEV:** Listed on 2021-11-03; due 2021-11-17; ransomware use Unknown

**Problem Types:** CWE-787

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Google
<b>Product</b>	Chromium V8
<b>Name</b>	Google Chromium V8 Improper Input Validation Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2021-21220">https://nvd.nist.gov/vuln/detail/CVE-2021-21220</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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>	34	All	All	All
Application	<a href="#">Google</a>	<a href="#">Chrome</a>	All	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 34 Update: chromium-90.0.4430.93-1.fc34 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org/">lists.fedoraproject.</a>

Chrome V8 JIT XOR Arbitrary Code Execution ≈ Packet Storm		<a href="#">packetstormsecurity.com</a>
Chromium, Google Chrome: Multiple vulnerabilities (GLSA 202104-08) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>
1196683 - chromium - An open-source project to help move the web forward. - Monorail	MISC	<a href="#">crbug.com</a>
Chrome Releases: Stable Channel Update for Desktop	MISC	<a href="#">chromereleases.googleblog.com</a>
Google Chrome XOR Typer Out-Of-Bounds Access / Remote Code Execution ≈ Packet Storm	MISC	<a href="#">packetstormsecurity.com</a>
[SECURITY] Fedora 32 Update: chromium-90.0.4430.93-1.fc32 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 33 Update: chromium-90.0.4430.93-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 34 Update: chromium-90.0.4430.93-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 32 Update: chromium-90.0.4430.93-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 33 Update: chromium-90.0.4430.93-1.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

- [180370](#) Debian Security Update for chromium (CVE-2021-21220)
- [281203](#) Fedora Security Update for chromium (FEDORA-2021-35d2bb4627)
- [281204](#) Fedora Security Update for chromium (FEDORA-2021-ff893e12c5)
- [281205](#) Fedora Security Update for chromium (FEDORA-2021-c3754414e7)
- [375445](#) Google Chrome Prior To 89.0.4389.128 Multiple Vulnerabilities
- [375446](#) Microsoft Edge Based On Chromium Prior to 89.0.774.77 Multiple Vulnerabilities
- [501813](#) Alpine Linux Security Update for chromium
- [501911](#) Alpine Linux Security Update for qt5-qtwebengine
- [504608](#) Alpine Linux Security Update for chromium
- [505350](#) Alpine Linux Security Update for qt5-qtwebengine
- [690171](#) Free Berkeley Software Distribution (FreeBSD) Security Update for chromium (7c0d71a9-9d48-11eb-97a0-e09467587c17)
- [710018](#) Gentoo Linux Chromium, Google Chrome Multiple Vulnerabilities (GLSA 202104-08)
- [750218](#) OpenSUSE Security Update for opera (openSUSE-SU-2021:0712-1)
- [750262](#) OpenSUSE Security Update for chromium (openSUSE-SU-2021:0567-1)

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