



CVE-2010-4197

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2010-4197
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-11-06 00:00:02 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Use-after-free vulnerability in WebKit, as used in Google Chrome before 7.0.517.44, webkitgtk before 1.2.6, and other products

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-416 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	13	All	All	All
Application	Google	Chrome	All	All	All	All
Application	Webkitgtk	Webkitgtk	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
[SECURITY] Fedora 13 Update: webkitgtk-1.2.6-1.fc13	af854a3a-2127-422b-9
Google Chrome Releases: Stable Channel Update	af854a3a-2127-422b-9
Bug 656115 – CVE-2010-4197 WebKit: Use-after-free vulnerabiity related to text editing causes memory corruption	af854a3a-2127-422b-9
Support / Security / Advisories / / MDVSA-2011:039 Mandriva	af854a3a-2127-422b-9
51602 - chromium - An open-source project to help move the web forward. - Monorail	af854a3a-2127-422b-9
Google Chrome Multiple Vulnerabilities - Advisories - Community	af854a3a-2127-422b-9
Repository / Oval Repository	af854a3a-2127-422b-9
Changeset 70594 – WebKit	af854a3a-2127-422b-9

Webmail - OVH	af854a3a-2127-422b-9
Support	af854a3a-2127-422b-9
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-9
Access Denied	af854a3a-2127-422b-9
WebKit Text Editing Use After Free Memory Corruption Vulnerability	af854a3a-2127-422b-9
Red Hat update for webkitgtk - Secunia.com	af854a3a-2127-422b-9
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.