CVE-2010-0645

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2010-0645
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-02-18 18:00:00 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Multiple integer overflows in factory.cc in Google V8 before r3560, as used in Google Chrome before 4.0.249.89, allow rem

Risk And Classification

Primary CVSS: v2.0 9.3 from nvd@nist.gov

AV:N/AC:M/Au:N/C:C/I:C/A:C

Problem Types: CWE-189 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:M/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Chrome	0.2.149.27	All	All	All

Application	Google	Chrome	0.2.149.29	All	All	All
Application	Google	Chrome	0.2.149.30	All	All	All
Application	Google	Chrome	0.2.152.1	All	All	All
Application	Google	Chrome	0.2.153.1	All	All	All
Application	Google	Chrome	0.3.154.0	All	All	All
Application	Google	Chrome	0.3.154.3	All	All	All
Application	Google	Chrome	0.4.154.18	All	All	All
Application	Google	Chrome	0.4.154.22	All	All	All
Application	Google	Chrome	0.4.154.31	All	All	All
Application	Google	Chrome	0.4.154.33	All	All	All
Application	Google	Chrome	1.0.154.36	All	All	All
Application	Google	Chrome	1.0.154.39	All	All	All
Application	Google	Chrome	1.0.154.42	All	All	All
Application	Google	Chrome	1.0.154.43	All	All	All
Application	Google	Chrome	1.0.154.46	All	All	All
Application	Google	Chrome	1.0.154.48	All	All	All
Application	Google	Chrome	1.0.154.52	All	All	All
Application	Google	Chrome	1.0.154.53	All	All	All
Application	Google	Chrome	1.0.154.59	All	All	All
Application	Google	Chrome	1.0.154.65	All	All	All
Application	Google	Chrome	2.0.156.1	All	All	All
Application	Google	Chrome	2.0.157.0	All	All	All
Application	Google	Chrome	2.0.157.2	All	All	All
Application	Google	Chrome	2.0.158.0	All	All	All
Application	Google	Chrome	2.0.159.0	All	All	All
Application	Google	Chrome	2.0.169.0	All	All	All
Application	Google	Chrome	2.0.169.1	All	All	All
Application	Google	Chrome	2.0.170.0	All	All	All
Application	Google	Chrome	2.0.172	All	All	All
Application	Google	Chrome	2.0.172.2	All	All	All
Application	Google	Chrome	2.0.172.27	All	All	All
Application	Google	Chrome	2.0.172.28	All	All	All
Application	Google	Chrome	2.0.172.30	All	All	All
Application	Google	Chrome	2.0.172.31	All	All	All
Application	Google	Chrome	2.0.172.33	All	All	All
Application	Google	Chrome	2.0.172.37	All	All	All

Application	Google	Chrome	2.0.172.38	All	All	All
Application	Google	Chrome	2.0.172.8	All	All	All
Application	Google	Chrome	3.0.182.2	All	All	All
Application	Google	Chrome	3.0.190.2	All	All	All
Application	Google	Chrome	3.0.193.2	beta	All	All
Application	Google	Chrome	3.0.195.21	All	All	All
Application	Google	Chrome	3.0.195.24	All	All	All
Application	Google	Chrome	3.0.195.32	All	All	All
Application	Google	Chrome	3.0.195.33	All	All	All
Application	Google	Chrome	All	All	All	All

Vendor Declared Affected Products

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

References

Reference
Issue 525064: Fixed potential length miscalculations by limiting max size of arrays and strings. - Code Review
r3560 - v8 - V8 JavaScript Engine - Google Project Hosting
Repository / Oval Repository
The Chromium Projects: Chromium Security Bugs
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH
Issue 31009 - chromium - [MD audit] [V8]: integer errors lead to dangerous crashes in memory allocators - Project Hosting on Google Code
IBM X-Force Exchange
www.osvdb.org/62316
Google Chrome prior to 4.0.249.89 Multiple Security Vulnerabilities
SecurityTracker.com Archives - Google Chrome Bugs Let Remote Users Execute Arbitrary Code and Obtain Information
Google Chrome Multiple Vulnerabilities - Advisories - Community
Google Chrome Releases: Stable Channel Update
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report