



CVE-2010-0646

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Summary

CVE	CVE-2010-0646
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-02-18 18:00:00 UTC
Updated	2017-09-19 01:30:00 UTC
Description	Multiple integer signedness errors in factory.cc in Google V8 before r3560, as used in Google Chrome before 4.0.249.89, a

Risk And Classification

Problem Types: CWE-189

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	4.0.244.0	All	All	All
Application	Google	Chrome	4.0.249.78	beta	All	All
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	4.0.244.0	All	All	All
Application	Google	Chrome	4.0.249.78	beta	All	All
Application	Google	Chrome	All	All	All	All

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

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