



CVE-2017-5031

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

Summary

CVE	CVE-2017-5031
State	PUBLISHED
Assigner	Chrome
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-24 23:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	A use after free in ANGLE in Google Chrome prior to 57.0.2987.98 for Windows allowed a remote attacker to perform an ou

Risk And Classification

Primary CVSS: v3.0 8.8 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

Problem Types: CWE-416 | Use after free in ANGLE

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.8		AV:N/AC:M/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)


Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Chrome	All	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mozilla	Firefox ESR	affected unspecified 52.1.1 custom	Not specified
CNA	Mozilla	Firefox	affected unspecified 53.0.2 custom	Not specified

References

Reference	Source
Google Chrome Prior to 57.0.2987.98 Multiple Security Vulnerabilities	af854a3a-2127-422b-9
Google ANGLE CVE-2017-5031 Use After Free Denial of Service Vulnerability	af854a3a-2127-422b-9
1328762 - (CVE-2017-5031) Invalid read @ libGLESv2.dll!rx::Image11::disassociateStorage() Assertion failure: !err	af854a3a-2127-422b-9
Red Hat Customer Portal	af854a3a-2127-422b-9
Chromium: Multiple vulnerabilities (GLSA 201704-02) — Gentoo Security	af854a3a-2127-422b-9
Use after free in ANGLE — Mozilla	af854a3a-2127-422b-9
Debian -- Security Information -- DSA-3810-1 chromium-browser	af854a3a-2127-422b-9
682020 - Security: WebGL - Use After Free in Buffer11::updateBufferStorage() - chromium - Monorail	af854a3a-2127-422b-9

Chrome Releases: Stable Channel Update for Desktop	af854a3a-2127-422b-9
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
	
<p>No vendor comments have been submitted for this CVE.</p>	
<h3>Legacy QID Mappings</h3>	
<p>710550 Gentoo Linux Chromium Multiple Vulnerabilities (GLSA 201704-02)</p>	

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