



CVE-2017-5070

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

Summary

CVE	CVE-2017-5070
State	PUBLISHED
Assigner	Chrome
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-10-27 05:29:00 UTC
Updated	2026-04-21 17:51:00 UTC
Description	Type confusion in V8 in Google Chrome prior to 59.0.3071.86 for Linux, Windows, and Mac, and 59.0.3071.92 for Android,

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from nvd@nist.gov

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

EPSS: 0.743780000 probability, percentile 0.988620000 (date 2026-05-08)

CISA KEY: Listed on 2022-06-08; due 2022-06-22; ransomware use Unknown

Problem Types: CWE-843 | Type Confusion | CWE-843 CWE-843 Access of Resource Using Incompatible Type ('Type Confusion')

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	8.8	HIGH	CVSS:3.1/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 v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/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

CISA Known Exploited Vulnerability	
Vendor	Google
Product	Chromium V8
Name	Google Chromium V8 Type Confusion Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2017-5070

NVD Known Affected Configurations (CPE 2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Macos	-	All	All	All
Application	Google	Chrome	All	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Na	Google Chrome Prior To 59.0.3071.86 For Linux Windows And Mac And 59.0.3071.92 For Android affected Google Ch	
References			
Reference			
Google Chrome Prior to 59.0.3071.86 Multiple Security Vulnerabilities			
Chrome Releases: Stable Channel Update for Desktop			
Red Hat Customer Portal			
Google Chrome Multiple Flaws Let Remote Users Spoof URLs, Obtain Potentially Sensitive Information, and Execute Arbitrary Code - Security			
www.cisa.gov/known-exploited-vulnerabilities-catalog			
Chromium: Multiple vulnerabilities (GLSA 201706-20) — Gentoo Security			
722756 - chromium - An open-source project to help move the web forward. - Monorail			
CVE Program record			
NVD vulnerability detail			
CISA Known Exploited Vulnerabilities catalog			
No vendor comments have been submitted for this CVE.			
Additional Advisory Data			
Source	Time	Event	
ADP	2022-06-08T00:00:00.000Z	CVE-2017-5070 added to CISA KEV	
Legacy QID Mappings			
710498 Gentoo Linux Chromium Multiple Vulnerabilities (GLSA 201706-20)			