



CVE-2016-5142

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

Summary	
CVE	CVE-2016-5142
State	PUBLISHED
Assigner	Chrome
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-08-07 19:59:06 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The Web Cryptography API (aka WebCrypto) implementation in Blink, as used in Google Chrome before 52.0.2743.116, dc

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

CVSS:3.0/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
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/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 v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/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
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

Chromium: Multiple vulnerabilities (GLSA 201610-09) — Gentoo security

Google Chrome Multiple Flaws Lets Remote Users Bypass Same-Origin Restrictions, Spoof URLs, and Execute Arbitrary Code - SecurityTrac

[security-announce] openSUSE-SU-2016:1983-1: important: Security update

Google Chrome Prior to 52.0.2743.116 Multiple Security Vulnerabilities

Red Hat Customer Portal

Debian -- Security Information -- DSA-3645-1 chromium-browser

Chrome Releases: Stable Channel Update for Desktop

[security-announce] openSUSE-SU-2016:1982-1: important: Security update

626948 - chromium - An open-source project to help move the web forward. - Monorail

Issue 2141843002: Copy array buffer data used by WebCrypto in the order expected by draft specification. - Code Review

[SECURITY] Fedora 24 Update: chromium-52.0.2743.116-1.fc24 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 24 Update: chromium-52.0.2743.116-1.fc24 - package-announce - Fedora Mailing-Lists
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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