



CVE-2016-7502

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-7502
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-23 05:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The cavs_idct8_add_c function in libavcodec/cavsdsp.c in FFmpeg before 3.1.4 is vulnerable to reading out-of-bounds mem

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.003090000 probability, percentile 0.540740000 (date 2026-05-09)

Problem Types: CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.0/AV:L/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

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:L/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	Ffmpeg	Ffmpeg	All	All	All	All

Vendor Declared Affected Products

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

References

Reference
FFmpeg: Multiple vulnerabilities (GLSA 201701-71) — Gentoo security
FFmpeg CVE-2016-7502 Out of Bounds Read Denial of Service Vulnerability
oss-security - ffmpeg before 3.1.4 [CVE-2016-7562] [CVE-2016-7122] [CVE-2016-7450] [CVE-2016-7502] [CVE-2016-7555] [CVE-2016-7785]
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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