



CVE-2016-8332

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

CVE	CVE-2016-8332
State	PUBLISHED
Assigner	talos
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-28 14:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	A buffer overflow in OpenJPEG 2.1.1 causes arbitrary code execution when parsing a crafted image. An exploitable code e

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: 0.011680000 probability, percentile 0.787820000 (date 2026-05-09)

Problem Types: CWE-119 | Arbitrary Code Execution

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
3.0	talos-cna@cisco.com	Secondary	7.5	HIGH	CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.0	CNA	DECLARED	7.5	HIGH	CVSS:3.0/AV:N/AC:H/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

ntegrity

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

ntegrity

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	Uclouvain	Openjpeg	2.1.1	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	OPENJPEG	OPENJPEG	affected 2.1.1	Not specified

References

Reference

Release OpenJPEG 2.1.2 · uclouvain/openjpeg · GitHub

Cisco Talos - Talos 2016 0193

Debian -- Security Information -- DSA-3768-1 openjpeg2

OpenJPEG CVE-2016-8332 Remote Code Execution Vulnerability

Google Android Multiple Flaws Let Remote Users Deny Service, Obtain Potentially Sensitive Information, and Execute Arbitrary Code and Let

Oracle Critical Patch Update Advisory - July 2020

CVF 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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