



ImageMagick: Heap out-of-bounds write in JP2 encoder

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

Summary

CVE	CVE-2026-40310
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-13 22:16:29 UTC
Updated	2026-04-13 22:16:29 UTC
Description	ImageMagick is free and open-source software used for editing and manipulating digital images. Versions below both 7.1.2

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from security-advisories@github.com

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

Problem Types: CWE-122 | CWE-787 | CWE-122 CWE-122: Heap-based Buffer Overflow | CWE-787 CWE-787: Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	ImageMagick	ImageMagick	affected < 7.1.2-19	Not specified
CNA	ImageMagick	ImageMagick	affected < 6.9.13-44	Not specified

References

Reference	Source	Link	Tag
github.com/ImageMagick/ImageMagick/security/advisories/GHSA-pwg5-6jfc-crvh	security-advisories@github.com	github.com	
github.com/ImageMagick/ImageMagick/commit/3d653bea2df085c728a1c8f775808e...	security-advisories@github.com	github.com	
github.com/dlemstra/Magick.NET/releases/tag/14.12.0	security-advisories@github.com	github.com	
github.com/ImageMagick/ImageMagick/releases/tag/7.1.2-19	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	car
NVD vulnerability detail	NVD	nvd.nist.gov	car

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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