



# ImageMagick: Heap buffer overflow (WRITE) in the YAML and JSON encoders

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

## Summary

<b>CVE</b>	CVE-2026-40169
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-13 22:16:29 UTC
<b>Updated</b>	2026-04-13 22:16:29 UTC
<b>Description</b>	ImageMagick is free and open-source software used for editing and manipulating digital images. In versions below 7.1.2-19

## Risk And Classification

**Primary CVSS:** v3.1 6.2 MEDIUM from security-advisories@github.com

**CVSS:** 3.1/AV:L/AC:L/PR:N/UI:N/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	6.2	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	6.2	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:N/UI:N/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

### References

Reference	Source	Link	Tag
github.com/ImageMagick/ImageMagick/commit/f86452a8aea37bf2b4bd36127f836d...	security-advisories@github.com	github.com	
github.com/ImageMagick/ImageMagick/security/advisories/GHSA-5592-p365-24xh	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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