



# ImageMagick: Heap buffer overflow when encoding JXL image with a 16-bit float

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

## Summary

<b>CVE</b>	CVE-2026-40183
<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 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-122 CWE-122: Heap-based Buffer Overflow

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	<a href="#">ImageMagick</a>	<a href="#">ImageMagick</a>	affected < 7.1.2-19	Not specified

### References

Reference	Source	Link	Tags
<a href="https://github.com/ImageMagick/ImageMagick/security/advisories/GHSA-jvgr-9ph5-m8v4">github.com/ImageMagick/ImageMagick/security/advisories/GHSA-jvgr-9ph5-m8v4</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>	
<a href="https://github.com/dlemstra/Magick.NET/releases/tag/14.12.0">github.com/dlemstra/Magick.NET/releases/tag/14.12.0</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>	
<a href="https://github.com/ImageMagick/ImageMagick/releases/tag/7.1.2-19">github.com/ImageMagick/ImageMagick/releases/tag/7.1.2-19</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="https://github.com">github.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canoni
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canoni

No vendor comments have been submitted for this CVE.

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

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