



# ImageMagick: Off-by-One in MSL decoder could result in crash

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

## Summary

<b>CVE</b>	CVE-2026-40312
<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 22:16:30 UTC
<b>Updated</b>	2026-04-13 22:16:30 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-193 | CWE-193 CWE-193: Off-by-one Error

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

### References

Reference	Source	Link	Tag
<a href="https://github.com/ImageMagick/ImageMagick/security/advisories/GHSA-5xg3-585r-9jh5">github.com/ImageMagick/ImageMagick/security/advisories/GHSA-5xg3-585r-9jh5</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>	
<a href="https://github.com/ImageMagick/ImageMagick/commit/2a06c7be3bba3326caf8b7a8d1fa2e...">github.com/ImageMagick/ImageMagick/commit/2a06c7be3bba3326caf8b7a8d1fa2e...</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>	car
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	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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