



OpenEXR has a signed integer overflow (undefined behavior) in `undo_pxr24_impl` may allow bounds-check bypass in PXR24 decompression

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

Summary

CVE	CVE-2026-34380
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-06 16:16:35 UTC
Updated	2026-04-07 19:03:08 UTC
Description	OpenEXR provides the specification and reference implementation of the EXR file format, an image storage format for the r

Risk And Classification

Primary CVSS: v3.1 5.9 MEDIUM from security-advisories@github.com

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

EPSS: 0.000330000 probability, percentile 0.095690000 (date 2026-04-07)

Problem Types: CWE-190 | CWE-787 | CWE-190 CWE-190: Integer Overflow or Wraparound | CWE-787 CWE-787: Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:N/I:L/A:H
3.1	CNA	DECLARED	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:N/I:L/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openexr	Openexr	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	AcademySoftwareFoundation	Openexr	affected >= 3.2.0, < 3.2.7	Not specified
CNA	AcademySoftwareFoundation	Openexr	affected >= 3.3.0, < 3.3.9	Not specified
CNA	AcademySoftwareFoundation	Openexr	affected >= 3.4.0, < 3.4.9	Not specified

References

Reference	Source	Link	Tags
github.com/AcademySoftwareFoundation/openexr/releases/tag/v3.2.7	security-advisories@github.com	github.com	Product
github.com/AcademySoftwareFoundation/openexr/security/advisories/GHSA-q3...	security-advisories@github.com	github.com	Exploit,
github.com/AcademySoftwareFoundation/openexr/releases/tag/v3.3.9	security-advisories@github.com	github.com	Product
github.com/AcademySoftwareFoundation/openexr/releases/tag/v3.4.9	security-advisories@github.com	github.com	Product
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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

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