



LIBPNG has ARM NEON Palette Expansion Out-of-Bounds Read on AArch64

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

Summary

CVE	CVE-2026-33636
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-26 17:16:41 UTC
Updated	2026-03-30 13:26:50 UTC

Description LIBPNG is a reference library for use in applications that read, create, and manipulate PNG (Portable Network Graphics) ra

Risk And Classification

Primary CVSS: v3.1 7.6 HIGH from security-advisories@github.com

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

EPSS: 0.000350000 probability, percentile 0.100950000 (date 2026-04-01)

Problem Types: CWE-125 | CWE-787 | CWE-125 CWE-125: Out-of-bounds Read | CWE-787 CWE-787: Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.6	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:L/A:H
3.1	CNA	DECLARED	7.6	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:L/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Pnggroup	Libpng	affected >= 1.6.36, < 1.6.56	Not specified

References

Reference	Source	Link	Tag
github.com/pnggroup/libpng/security/advisories/GHSA-wjr5-c57x-95m2	security-advisories@github.com	github.com	
github.com/pnggroup/libpng/commit/aba9f18eba870d14fb52c5ba5d73451349e339c3	security-advisories@github.com	github.com	
github.com/pnggroup/libpng/commit/7734cda20cf1236aef60f3bbd2267c97bbb40869	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	can
NVD vulnerability detail	NVD	nvd.nist.gov	can

No vendor comments have been submitted for this CVE.

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

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