



libgphoto2 has OOB read in ptp_unpack_OI() in ptp-pack.c via malicious PTP ObjectInfo response

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

Summary

CVE	CVE-2026-40340
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-18 00:16:38 UTC
Updated	2026-04-18 00:16:38 UTC
Description	libgphoto2 is a camera access and control library. Versions up to and including 2.5.33 have an out-of-bounds read vulnerat

Risk And Classification

Primary CVSS: v3.1 6.1 MEDIUM from security-advisories@github.com

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

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

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	6.1	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H
3.1	CNA	DECLARED	6.1	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Gphoto	Libgphoto2	affected <= 2.5.33	Not specified

References

Reference	Source	Link	Tags
github.com/gphoto/libgphoto2/security/advisories/GHSA-xfw3-xvjp-5wcv	security-advisories@github.com	github.com	
github.com/gphoto/libgphoto2/commit/7c7f515bc88c3d0c4098ac965d313518e0cc...	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	cano
NVD vulnerability detail	NVD	nvd.nist.gov	cano

No vendor comments have been submitted for this CVE.

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

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