



LibRaw TIFF/NEF decoders __libraw.cpp nikon_load_padded_packed_raw out-of-bounds

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2026-5342 |
| State | PUBLISHED |
| Assigner | VulDB |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-04-02 15:16:53 UTC |
| Updated | 2026-04-02 15:16:53 UTC |
| Description | A flaw has been found in LibRaw up to 0.22.0. This affects the function LibRaw::nikon_load_padded_packed_raw of the file |

Risk And Classification

Primary CVSS: v4.0 5.5 MEDIUM from cna@vuldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-119 | CWE-125 | CWE-125 Out-of-Bounds Read | CWE-119 Memory Corruption

| Version | Source | Type | Score | Severity | Vector |
|---------|---------------|-----------|-------|----------|---|
| 4.0 | cna@vuldb.com | Secondary | 5.5 | MEDIUM | CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/C.. |
| 4.0 | CNA | DECLARED | 6.9 | MEDIUM | CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P |
| 3.1 | cna@vuldb.com | Primary | 5.3 | MEDIUM | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L |
| 3.1 | CNA | DECLARED | 5.3 | MEDIUM | CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C |
| 3.0 | CNA | DECLARED | 5.3 | MEDIUM | CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C |
| 2.0 | cna@vuldb.com | Secondary | 5 | | AV:N/AC:L/Au:N/C:N/I:N/A:P |
| 2.0 | CNA | DECLARED | 5 | | AV:N/AC:L/Au:N/C:N/I:N/A:P/E:POC/RL:OF/RC:C |

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX:MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|--------|---------|---------------|---------------|
| CNA | Na | LibRaw | affected 0.1 | Not specified |
| CNA | Na | LibRaw | affected 0.2 | Not specified |
| CNA | Na | LibRaw | affected 0.3 | Not specified |
| CNA | Na | LibRaw | affected 0.4 | Not specified |
| CNA | Na | LibRaw | affected 0.5 | Not specified |
| CNA | Na | LibRaw | affected 0.6 | Not specified |
| CNA | Na | LibRaw | affected 0.7 | Not specified |
| CNA | Na | LibRaw | affected 0.8 | Not specified |
| CNA | Na | LibRaw | affected 0.9 | Not specified |
| CNA | Na | LibRaw | affected 0.10 | Not specified |
| CNA | Na | LibRaw | affected 0.11 | Not specified |
| CNA | Na | LibRaw | affected 0.12 | Not specified |
| CNA | Na | LibRaw | affected 0.13 | Not specified |
| CNA | Na | LibRaw | affected 0.14 | Not specified |
| CNA | Na | LibRaw | affected 0.15 | Not specified |
| CNA | Na | LibRaw | affected 0.16 | Not specified |
| CNA | Na | LibRaw | affected 0.17 | Not specified |
| CNA | Na | LibRaw | affected 0.18 | Not specified |
| CNA | Na | LibRaw | affected 0.19 | Not specified |
| CNA | Na | LibRaw | affected 0.20 | Not specified |

| | | | | |
|-----|----|--------|-------------------|---------------|
| CNA | Na | LibRaw | affected 0.21 | Not specified |
| CNA | Na | LibRaw | affected 0.22.0 | Not specified |
| CNA | Na | LibRaw | unaffected 0.22.1 | Not specified |

References

| Reference | Source | Link | Tags |
|---|---------------|---|---------------------|
| vuldb.com/submit/781223 | cna@vuldb.com | vuldb.com | |
| github.com/LibRaw/LibRaw/issues/795 | cna@vuldb.com | github.com | |
| github.com/LibRaw/LibRaw/issues/795 | cna@vuldb.com | github.com | |
| github.com/LibRaw/LibRaw/commit/b8397cd45657b84e88bd1202528d1764265f185c | cna@vuldb.com | github.com | |
| vuldb.com/vuln/354671 | cna@vuldb.com | vuldb.com | |
| github.com/LibRaw/LibRaw | cna@vuldb.com | github.com | |
| github.com/biniamf/pocs/tree/main/libraw_nikonpadded | cna@vuldb.com | github.com | |
| vuldb.com/vuln/354671/cti | cna@vuldb.com | vuldb.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

Vendor Comments And Credit

Discovery Credit

CNA: biniam (VulDB User) (en)

Additional Advisory Data

| Source | Time | Event |
|--------|--------------------------|-------------------------|
| CNA | 2026-04-01T00:00:00.000Z | Advisory disclosed |
| CNA | 2026-04-01T02:00:00.000Z | VulDB entry created |
| CNA | 2026-04-01T16:57:47.000Z | VulDB entry last update |

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

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status status.cve.report