



# LibRaw JPEG DHT losslessjpeg.cpp initval out-of-bounds write

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

## Summary

<b>CVE</b>	CVE-2026-5318
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-02 03:16:07 UTC
<b>Updated</b>	2026-04-02 03:16:07 UTC
<b>Description</b>	A weakness has been identified in LibRaw up to 0.22.0. This impacts the function HuffTable::initval of the file src/decompre

## Risk And Classification

**Primary CVSS:** v4.0 5.3 MEDIUM from cna@vuldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/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-787 | CWE-787 Out-of-bounds Write | CWE-119 Memory Corruption

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/C..
4.0	CNA	DECLARED	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:P/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vuldb.com	Primary	4.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	4.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	4.3	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/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

Passive

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:P/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/MS:C: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

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

### CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/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
github.com/LibRaw/LibRaw/issues/794	cna@vuldb.com	github.com	
vuldb.com/vuln/354650	cna@vuldb.com	vuldb.com	
github.com/LibRaw/LibRaw	cna@vuldb.com	github.com	
github.com/LibRaw/LibRaw/commit/a6734e867b19d75367c05f872ac26322464e3995	cna@vuldb.com	github.com	
github.com/LibRaw/LibRaw/issues/794	cna@vuldb.com	github.com	
vuldb.com/submit/780538	cna@vuldb.com	vuldb.com	
vuldb.com/vuln/354650/cti	cna@vuldb.com	vuldb.com	
github.com/biniamf/pocs/tree/main/libraw_lljpeg	cna@vuldb.com	github.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	2026-04-01T16:18:30.000Z	VulDB entry last update

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

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