



OSGeo gdal GDapi.c GDfieldinfo out-of-bounds

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

Summary

CVE	CVE-2026-8088
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-07 20:16:45 UTC
Updated	2026-05-08 20:11:23 UTC
Description	A weakness has been identified in OSGeo gdal up to 3.13.0dev-4. The affected element is the function GDfieldinfo of the fil

Risk And Classification

Primary CVSS: v4.0 1.9 LOW from cna@vulldb.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/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

EPSS: 0.000050000 probability, percentile 0.002660000 (date 2026-05-08)

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@vulldb.com	Secondary	1.9	LOW	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	4.8	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	cna@vulldb.com	Secondary	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	3.3	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	3.3	LOW	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:O/RC:C
2.0	cna@vulldb.com	Secondary	1.7		AV:L/AC:L/Au:S/C:N/I:N/A:P
2.0	CNA	DECLARED	1.7		AV:L/AC:L/Au:S/C:N/I:N/A:P/E:POC/RL:OF/RC:C

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/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/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

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Osgeo	Gdal	3.13.0	beta1	All	All
Application	Osgeo	Gdal	3.13.0	beta2	All	All
Application	Osgeo	Gdal	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	OSGeo	Gdal	affected 3.13.0dev-4	Not specified
CNA	OSGeo	Gdal	unaffected 3.13.0RC1	Not specified

References

Reference	Source	Link	Tags
github.com/OSGeo/gdal/releases/tag/v3.13.0RC1	cna@vuldb.com	github.com	Release Notes
vuldb.com/vuln/361841/cti	cna@vuldb.com	vuldb.com	Permissions Required, \
vuldb.com/submit/808040	cna@vuldb.com	vuldb.com	Exploit, Third Party Advi
github.com/OSGeo/gdal/commit/a791f70f8eaec540974ec989ca6fb00266b7646c	cna@vuldb.com	github.com	Patch
vuldb.com/vuln/361841	cna@vuldb.com	vuldb.com	Third Party Advisory, VC
github.com/biniamf/pocs/tree/main/gdal-gdapi-gdinfo-dimlist-oob-read	cna@vuldb.com	github.com	Exploit, Third Party Advi
github.com/OSGeo/gdal	cna@vuldb.com	github.com	Product
github.com/OSGeo/gdal/issues/14379	cna@vuldb.com	github.com	Exploit, Issue Tracking,

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	2026-05-07T00:00:00.000Z	Advisory disclosed
CNA	2026-05-07T02:00:00.000Z	VulDB entry created
CNA	2026-05-07T14:39:38.000Z	VulDB entry last update

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

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