



GIMP PSP File Parsing Heap-based Buffer Overflow Remote Code Execution Vulnerability

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Summary

CVE	CVE-2026-4153
State	PUBLISHED
Assigner	zdi
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-11 01:16:16 UTC
Updated	2026-04-11 01:16:16 UTC
Description	GIMP PSP File Parsing Heap-based Buffer Overflow Remote Code Execution Vulnerability. This vulnerability allows remote

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from zdi-disclosures@trendmicro.com

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

Problem Types: CWE-122 | CWE-122 CWE-122: Heap-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.0	zdi-disclosures@trendmicro.com	Secondary	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.0	CNA	CVSS	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	GIMP	GIMP	affected 3.0.8	Not specified

References

Reference	Source	Link
gitlab.gnome.org/GNOME/gimp/-/commit/98cb1371fd4e22cca75017ea3252dc32fc218712	zdi-disclosures@trendmicro.com	gitlab.gnome.org
www.zerodayinitiative.com/advisories/ZDI-26-220	zdi-disclosures@trendmicro.com	www.zerodayinitiative.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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