



GIMP XPM File Parsing Integer Overflow Remote Code Execution Vulnerability

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

Summary

CVE	CVE-2026-4154
State	PUBLISHED
Assigner	zdi
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-11 01:16:17 UTC
Updated	2026-04-11 01:16:17 UTC
Description	GIMP XPM File Parsing Integer Overflow Remote Code Execution Vulnerability. This vulnerability allows remote attackers t

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-190 | CWE-190 CWE-190: Integer Overflow or Wraparound

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/2e7ed91793792d9e980b2df4c829e9aa60459253	zdi-disclosures@trendmicro.com	gitlab.gnome
www.zerodayinitiative.com/advisories/ZDI-26-221	zdi-disclosures@trendmicro.com	www.zeroda
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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