



go-git: Missing validation decoding Index v4 files leads to panic

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

Summary

CVE	CVE-2026-33762
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-31 15:16:15 UTC
Updated	2026-04-01 14:24:02 UTC
Description	go-git is an extensible git implementation library written in pure Go. Prior to version 5.17.1, go-git's index decoder for format

Risk And Classification

Primary CVSS: v3.1 2.8 LOW from security-advisories@github.com

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

EPSS: 0.000130000 probability, percentile 0.020870000 (date 2026-04-01)

Problem Types: CWE-129 | CWE-129 CWE-129: Improper Validation of Array Index

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	2.8	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	2.8	LOW	CVSS:3.1/AV:L/AC:L/PR:L/UI:R/S:U/C:N/I:N/A:L

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Go-git	Go-git	affected < 5.17.1	Not specified

References

Reference	Source	Link	Tags
github.com/go-git/go-git/releases/tag/v5.17.1	security-advisories@github.com	github.com	
github.com/go-git/go-git/security/advisories/GHSA-gm2x-2g9h-ccm8	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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