



Malicious module proxy can bypass checksum database in cmd/go

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

Summary

CVE	CVE-2026-42501
State	PUBLISHED
Assigner	Go
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-07 20:16:44 UTC
Updated	2026-05-08 16:16:12 UTC

Description A malicious module proxy can exploit a flaw in the go command's validation of module checksums to bypass checksum dat

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from ADP

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

EPSS: 0.000140000 probability, percentile 0.026750000 (date 2026-05-12)

Problem Types: CWE-347 | CWE-347: Improper Verification of Cryptographic Signature | CWE-347 CWE-347 Improper Verification of Cryptographic Signature

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Go Toolchain	Cmd/go	affected 1.25.10 semver	Not specified
CNA	Go Toolchain	Cmd/go	affected 1.26.0-0 1.26.3 semver	Not specified

References

Reference	Source	Link	Tags
go.dev/cl/775321	security@golang.org	go.dev	
go.dev/issue/79070	security@golang.org	go.dev	
pkg.go.dev/vuln/GO-2026-4984	security@golang.org	pkg.go.dev	
groups.google.com/g/golang-announce/c/qcCIEXso47M	security@golang.org	groups.google.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: [Mundur \(https://github.com/M0nd0R\)](https://github.com/M0nd0R) (en)

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

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