



Code execution vulnerability in SWIG code generation in cmd/go

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

Summary

CVE	CVE-2026-27140
State	PUBLISHED
Assigner	Go
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-08 02:16:02 UTC
Updated	2026-04-16 19:26:59 UTC
Description	SWIG file names containing 'cgo' and well-crafted payloads could lead to code smuggling and arbitrary code execution at b

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from nvd@nist.gov

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

EPSS: 0.000200000 probability, percentile 0.053290000 (date 2026-04-15)

Problem Types: CWE-863 | CWE-501: Trust Boundary Violation

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Golang	Go	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Go Toolchain	Cmd/go	affected 1.25.9 semver	Not specified
CNA	Go Toolchain	Cmd/go	affected 1.26.0-0 1.26.2 semver	Not specified

References

Reference	Source	Link	Tags
go.dev/cl/763768	security@golang.org	go.dev	Release Notes
pkg.go.dev/vuln/GO-2026-4871	security@golang.org	pkg.go.dev	Vendor Advisory
groups.google.com/g/golang-announce/c/0uYbvbPZRWU	security@golang.org	groups.google.com	Release Notes, Mailing List
go.dev/issue/78335	security@golang.org	go.dev	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: Juho Forsén of Mattermost (en)

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

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