



Quadratic string concatenation in consumePhrase in net/mail

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

Summary

CVE	CVE-2026-42499
State	PUBLISHED
Assigner	Go
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-07 20:16:44 UTC
Updated	2026-05-13 16:59:17 UTC
Description	Pathological inputs could cause DoS through consumePhrase when parsing an email address according to RFC 5322.

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from ADP

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

EPSS: 0.000230000 probability, percentile 0.065470000 (date 2026-05-12)

Problem Types: NVD-CWE-noinfo | CWE-407: Inefficient Algorithmic Complexity

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

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Severity
None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/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 Standard Library	Net/mail	affected 1.25.10 semver	Not specified
CNA	Go Standard Library	Net/mail	affected 1.26.0-0 1.26.3 semver	Not specified

References

Reference	Source	Link	Tags
go.dev/issue/78987	security@golang.org	go.dev	Issue Tracking
go.dev/cl/771520	security@golang.org	go.dev	Patch
pkg.go.dev/vuln/GO-2026-4977	security@golang.org	pkg.go.dev	Vendor Advisory
groups.google.com/g/golang-announce/c/qcCIEXso47M	security@golang.org	groups.google.com	Release Notes
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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