TOCTOU permits root escape on Linux via Root.Chmod in os in internal/syscall/unix

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-32282
State	PUBLISHED
Assigner	Go
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-08 02:16:03 UTC
Updated	2026-04-16 19:15:39 UTC
Description	On Linux, if the target of Root.Chmod is replaced with a symlink while the chmod operation is in progress, Chmod can oper

Risk And Classification

Primary CVSS: v3.1 6.4 MEDIUM from nvd@nist.gov

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

EPSS: 0.000080000 probability, percentile 0.007730000 (date 2026-04-15)

Problem Types: CWE-59 | CWE-61: UNIX Symbolic Link (Symlink) Following

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	6.4	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	6.4	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	6.4	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

High

CVSS:3.1/AV:L/AC:H/PR:H/UI:N/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 Standard Library	Internal/syscall/unix	affected 1.25.9 semver	linux
CNA	Go Standard Library	Internal/syscall/unix	affected 1.26.0-0 1.26.2 semver	linux

References

Reference	Source	Link	Tags
pkg.go.dev/vuln/GO-2026-4864	security@golang.org	pkg.go.dev	Vendor Advisory
go.dev/issue/78293	security@golang.org	go.dev	Issue Tracking
groups.google.com/g/golang-announce/c/0uYbvbPZRWU	security@golang.org	groups.google.com	Release Notes, Mailing List
go.dev/cl/763761	security@golang.org	go.dev	Patch
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: Uuganbayar Lkhamsuren (https://github.com/uug4na) (en)

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**