GoBGP: Panic in AdjRib.Update via malformed BGP Update message (Nil Pointer Dereference)

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

Summary

CVE	CVE-2026-42285
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-07 12:16:18 UTC
Updated	2026-05-11 15:22:48 UTC
Description	GoBGP is an open source Border Gateway Protocol (BGP) implementation in the Go Programming Language. In version 4.

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from security-advisories@github.com

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

EPSS: 0.001340000 probability, percentile 0.327650000 (date 2026-05-12)

Problem Types: CWE-476 | CWE-476 CWE-476: NULL Pointer Dereference

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	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

ntegrity

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	Osrg	Gobgp	4.4.0	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Osrg	Gobgp	affected = 4.4.0	Not specified

References

Reference	Source	Link	Tags
github.com/osrg/gobgp/releases/tag/v4.5.0	security-advisories@github.com	github.com	Product, Rel
github.com/osrg/gobgp/security/advisories/GHSA-p3w2-64xm-833j	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	Exploit, Venc
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ar

No vendor comments have been submitted for this CVE.

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