



osrg GoBGP BGP Header bgp.go BGPHeader.DecodeFromBytes access control

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

Summary

CVE	CVE-2026-5124
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-30 17:16:16 UTC
Updated	2026-04-01 14:24:21 UTC
Description	A security vulnerability has been detected in osrg GoBGP up to 4.3.0. Affected is the function BGPHeader.DecodeFromByt

Risk And Classification

Primary CVSS: v4.0 6.3 MEDIUM from cna@vuldb.com

CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000330000 probability, percentile 0.097010000 (date 2026-04-02)

Problem Types: CWE-266 | CWE-284 | CWE-284 Improper Access Controls | CWE-266 Incorrect Privilege Assignment

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	6.3	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	DECLARED	6.3	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	cna@vuldb.com	Primary	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N
3.1	CNA	DECLARED	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N/E:X/RL:O/RC:C
3.0	CNA	DECLARED	3.7	LOW	CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N/E:X/RL:O/RC:C
2.0	cna@vuldb.com	Secondary	2.6		AV:N/AC:H/Au:N/C:N/I:P/A:N
2.0	CNA	DECLARED	2.6		AV:N/AC:H/Au:N/C:N/I:P/A:N/E:ND/RL:OF/RC:C

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

None

Integrity

Low

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

None

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

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

None

CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N/E:X/RL:O/RC:C

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Osrg	GoBGP	affected 4.0	Not specified
CNA	Osrg	GoBGP	affected 4.1	Not specified
CNA	Osrg	GoBGP	affected 4.2	Not specified
CNA	Osrg	GoBGP	affected 4.3.0	Not specified

References

Reference	Source	Link	Tags
vuldb.com/submit/780189	cna@vuldb.com	vuldb.com	
github.com/osrg/gobgp	cna@vuldb.com	github.com	
github.com/osrg/gobgp/pull/3340	cna@vuldb.com	github.com	
vuldb.com/vuln/354156/cti	cna@vuldb.com	vuldb.com	
vuldb.com/vuln/354156	cna@vuldb.com	vuldb.com	
github.com/osrg/gobgp/commit/f0f24a2a901cbf159260698211ab15c583ced131	cna@vuldb.com	github.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: Sunxj (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-03-30T00:00:00.000Z	Advisory disclosed
CNA	2026-03-30T02:00:00.000Z	VulDB entry created
CNA	2026-03-30T09:55:45.000Z	VulDB entry last update

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

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