batman-adv: hold claim backbone gateways by reference

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

Summary

CVE	CVE-2026-31657
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:45 UTC
Updated	2026-04-27 20:16:58 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: batman-adv: hold claim backbone gateways by reference

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000240000 probability, percentile 0.067850000 (date 2026-04-27)

Problem Types: CWE-476

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 23721387c409087fd3b97e274f34d3ddc0970b74 f4858832ddef2f39f21e30b7226bbcd3c4b2bc96 git
CNA	Linux	Linux	affected 23721387c409087fd3b97e274f34d3ddc0970b74 2f55b58b5a0bbed192d60c444a45a49cdf1b545f git
CNA	Linux	Linux	affected 23721387c409087fd3b97e274f34d3ddc0970b74 7962b522222628596ca9ecc8722efc95367aadbd git
CNA	Linux	Linux	affected 23721387c409087fd3b97e274f34d3ddc0970b74 4dee4c0688443aaf5bbec74aa203c851d1d53c35 git
CNA	Linux	Linux	affected 23721387c409087fd3b97e274f34d3ddc0970b74 1f2dc36c297d27733f1b380ea644cf15a361bd7b git
CNA	Linux	Linux	affected 23721387c409087fd3b97e274f34d3ddc0970b74 82d8701b2c930d0e96b0dbc9115a218d791cb0d2 g
CNA	Linux	Linux	affected 3.5
CNA	Linux	Linux	unaffected 3.5 semver
CNA	Linux	Linux	unaffected 6.1.169 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.135 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.82 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.23 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.13 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/4dee4c0688443aaf5bbec74aa203c851d1d53c35	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/82d8701b2c930d0e96b0dbc9115a218d791cb0d2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/1f2dc36c297d27733f1b380ea644cf15a361bd7b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2f55b58b5a0bbed192d60c444a45a49cdf1b545f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/7962b522222628596ca9ecc8722efc95367aadbd	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f4858832ddef2f39f21e30b7226bbcd3c4b2bc96	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE ORG	www.cve.org	canonic

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NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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**