macvlan: fix possible UAF in macvlan_forward_source()

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

Summary

CVE	CVE-2026-23001
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-01-25 15:15:54 UTC
Updated	2026-04-27 14:16:28 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: macvlan: fix possible UAF in macvlan_forward_source() A

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-416

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/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 79cf79abce71eb7dbc40e2f3121048ca5405cb47 8133e85b8a3ec9f10d861e0002ec6037256e987e git
CNA	Linux	Linux	affected 79cf79abce71eb7dbc40e2f3121048ca5405cb47 484919832e2db6ce1e8add92c469e5d459a516b5 gi
CNA	Linux	Linux	affected 79cf79abce71eb7dbc40e2f3121048ca5405cb47 232afc74a6dde0fe1830988e5827921f5ec9bb3f git
CNA	Linux	Linux	affected 79cf79abce71eb7dbc40e2f3121048ca5405cb47 15f6faf36e162532bec5cc05eb3fc622108bf2ed git
CNA	Linux	Linux	affected 79cf79abce71eb7dbc40e2f3121048ca5405cb47 8518712a2ca952d6da2238c6f0a16b4ae5ea3f13 git
CNA	Linux	Linux	affected 79cf79abce71eb7dbc40e2f3121048ca5405cb47 6dbead9c7677186f22b7981dd085a0feec1f038e git
CNA	Linux	Linux	affected 79cf79abce71eb7dbc40e2f3121048ca5405cb47 7470a7a63dc162f07c26dbf960e41ee1e248d80e git
CNA	Linux	Linux	affected 3.18
CNA	Linux	Linux	unaffected 3.18 semver
CNA	Linux	Linux	unaffected 5.10.249 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.199 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.162 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.122 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.67 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.7 6.18.* semver
CNA	Linux	Linux	unaffected 6.19 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/6dbead9c7677186f22b7981dd085a0feec1f038e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/7470a7a63dc162f07c26dbf960e41ee1e248d80e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/8133e85b8a3ec9f10d861e0002ec6037256e987e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/484919832e2db6ce1e8add92c469e5d459a516b5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/8518712a2ca952d6da2238c6f0a16b4ae5ea3f13	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

git.kernel.org/stable/c/232afc74a6dde0fe1830988e5827921f5ec9bb3f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/15f6faf36e162532bec5cc05eb3fc622108bf2ed	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonic
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.