



openvswitch: use RCU protection in ovs_vport_cmd_fill_info()

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

Summary

CVE	CVE-2025-21761
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-02-27 03:15:16 UTC
Updated	2026-05-12 13:16:35 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: openvswitch: use RCU protection in ovs_vport_cmd_fill_info

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from ADP

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

Problem Types: CWE-416 | CWE-416 CWE-416 Use After Free

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	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

Integrity

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 9354d452034273a50a4fd703bea31e5d6b1fc20b e85a2f
CNA	Linux	Linux	affected 9354d452034273a50a4fd703bea31e5d6b1fc20b a8816f
CNA	Linux	Linux	affected 9354d452034273a50a4fd703bea31e5d6b1fc20b a884f5
CNA	Linux	Linux	affected 9354d452034273a50a4fd703bea31e5d6b1fc20b 7e01af
CNA	Linux	Linux	affected 9354d452034273a50a4fd703bea31e5d6b1fc20b 8ec57f
CNA	Linux	Linux	affected 9354d452034273a50a4fd703bea31e5d6b1fc20b a849af
CNA	Linux	Linux	affected 9354d452034273a50a4fd703bea31e5d6b1fc20b 58289f
CNA	Linux	Linux	affected 9354d452034273a50a4fd703bea31e5d6b1fc20b 90b2f4
CNA	Linux	Linux	affected 4.15
CNA	Linux	Linux	unaffected 4.15 semver
CNA	Linux	Linux	unaffected 5.4.291 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.235 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.179 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.129 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.79 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.16 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.4 6.13.* semver
CNA	Linux	Linux	unaffected 6.14 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/05/msg00030.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com
git.kernel.org/stable/c/a884f57600e463f69d7b279c4598b865260b62a1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

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git.kernel.org/stable/c/e85a25d1a9985645e796039e843d1de581d2de1e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/90b2f49a502fa71090d9f4fe29a2f51fe5dff76d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/a849a10de5e04d798f7f286a2f1ca174719a617a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/5828937742af74666192835d657095d95c53dbd0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/03/msg00028.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/7e01abc34e87abd091e619161a20f54ed4e3e2da	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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