



# wifi: mwifiex: Fix memcpy() field-spanning write warning in mwifiex\_cmd\_802\_11\_scan\_ext()

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

## Summary

<b>CVE</b>	CVE-2024-50008
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-10-21 19:15:04 UTC
<b>Updated</b>	2026-05-12 12:17:20 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: wifi: mwifiex: Fix memcpy() field-spanning write warning in

## Risk And Classification

**Primary CVSS:** v3.1 5.5 MEDIUM from nvd@nist.gov

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

**Problem Types:** NVD-CWE-noinfo

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/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 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 21f58d200388480547df909b5464b5aafebf29
CNA	Linux	Linux	affected 3.15
CNA	Linux	Linux	unaffected 3.15 semver
CNA	Linux	Linux	unaffected 4.19.323 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.285 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.227 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.168 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.113 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.55 6.6.* semver
CNA	Linux	Linux	unaffected 6.10.14 6.10.* semver
CNA	Linux	Linux	unaffected 6.11.3 6.11.* semver
CNA	Linux	Linux	unaffected 6.12 * original_commit_for_fix
ADP	Siemens	RUGGEDCOM RST2428P	unaffected * custom
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	unaffected * custom
ADP	Siemens	SCALANCE XCM-/XRM-/XCH-/XRH-300 Family	unaffected * custom
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

## References

Reference	Source	Link
git.kernel.org/stable/c/fef7b51f22cf2049b0ca6740adeb0ba6f2e671dc	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/498365e52bebc36a93279fe7e9d6aec8479cee	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>

lists.debian.org/debian-lts-announce/2025/03/msg00002.html	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>
git.kernel.org/stable/c/a3a12c30f9510f3753286fadbc6c7dad78c1d5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/71267bd4e8c752d7af6c6b96bb83984a6a95273d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.co</a>
git.kernel.org/stable/c/e59bdb1ba594104cd0ee0af3ee9e4435d842a8fe	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/17199b69a84798efffc475040fbef44374ef1de1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
git.kernel.org/stable/c/b55c8848fdc81514ec047b2a0ec782ffe9ab5323	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
cert-portal.siemens.com/productcert/html/ssa-355557.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.co</a>
git.kernel.org/stable/c/1756918f51e9ab247a0f4782cc28853c2bb457c1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>
git.kernel.org/stable/c/f9310a6704bf52e2493480edea896e1f9b795d40	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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