



# wifi: mac80211: mesh: Fix leak of mesh\_preq\_queue objects

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

## Summary

<b>CVE</b>	CVE-2024-40942
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-07-12 13:15:16 UTC
<b>Updated</b>	2026-05-12 12:17:00 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: wifi: mac80211: mesh: Fix leak of mesh\_preq\_queue obje

## 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:** CWE-401

## 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 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 050ac52cbe1f3de2fb0d06f02c7919ae1f691c
CNA	Linux	Linux	affected 2.6.26
CNA	Linux	Linux	unaffected 2.6.26 semver
CNA	Linux	Linux	unaffected 4.19.317 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.279 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.221 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.162 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.95 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.35 6.6.* semver
CNA	Linux	Linux	unaffected 6.9.6 6.9.* semver
CNA	Linux	Linux	unaffected 6.10 * 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/63d5f89bb5664d60edbf8cf0df911aaae8ed96a4	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/ec79670eae430b3ffb7e0a6417ad7657728b8f95	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/c4c865f971fd4a255208f57ef04d814c2ae9e0dc	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co

<a href="https://git.kernel.org/stable/c/d81e244af521de63ad2883e17571b789c39b6549">git.kernel.org/stable/c/d81e244af521de63ad2883e17571b789c39b6549</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/377dbb220edc8421b7960691876c5b3bef62f89b">git.kernel.org/stable/c/377dbb220edc8421b7960691876c5b3bef62f89b</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/617dadfb2d3e152c5753e28356d189c9d6f33c0">git.kernel.org/stable/c/617dadfb2d3e152c5753e28356d189c9d6f33c0</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/7518e20a189f8659b8b83969db4d33a4068fcfc3">git.kernel.org/stable/c/7518e20a189f8659b8b83969db4d33a4068fcfc3</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://cert-portal.siemens.com/productcert/html/ssa-355557.html">cert-portal.siemens.com/productcert/html/ssa-355557.html</a>	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.co</a>
<a href="https://lists.debian.org/debian-lts-announce/2025/01/msg00001.html">lists.debian.org/debian-lts-announce/2025/01/msg00001.html</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>
<a href="https://git.kernel.org/stable/c/b7d7f11a291830fdf69d3301075dd0fb347ced84">git.kernel.org/stable/c/b7d7f11a291830fdf69d3301075dd0fb347ced84</a>	af854a3a-2127-422b-91ae-364da2661108	<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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