



wifi: wilc1000: fix u8 overflow in SSID scan buffer size calculation

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

Summary

CVE CVE-2026-31780

State PUBLISHED

Assigner Linux

Source Priority CVE Program / NVD first with legacy fallback

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Description In the Linux kernel, the following vulnerability has been resolved: wifi: wilc1000: fix u8 overflow in SSID scan buffer size calc

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

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

EPSS: 0.000300000 probability, percentile 0.086370000 (date 2026-05-02)

Version	Source	Type	Score	Severity	Vector
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

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 34a23fd9ddd683a03c7e8cc0ceded3e59e354b99 gi
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 549f02d8ec94d39092ab6d9b103d0d6783a4b024 g
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 bfbddeadd4779651403035ee177ae2f22f9f5521 git
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 9907ac9b9a18b92fc34b9e4cb9e10f208dc1d3f7 git
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 c97b2a00059608592ad0d86fbb813a4f8cf9464b git
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 d8388614de613c28eeb659c10115060a83739924 c
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 0c7f21d8bd2f93998b72b7a7f93152336aeca4dd git
CNA	Linux	Linux	affected c5c77ba18ea66aa05441c71e38473efb787705a4 d049e56b1739101d1c4d81deedb269c52a8dbba0 c
CNA	Linux	Linux	affected 4.2
CNA	Linux	Linux	unaffected 4.2 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.134 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/9907ac9b9a18b92fc34b9e4cb9e10f208dc1d3f7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/549f02d8ec94d39092ab6d9b103d0d6783a4b024	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d8388614de613c28eeb659c10115060a83739924	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/d049e56b1739101d1c4d81deedb269c52a8dbba0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/c97b2a00059608592ad0d86fbb813a4f8cf9464b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/0c7f21d8bd2f93998b72b7a7f93152336aeca4dd	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/bfbddeadd4779651403035ee177ae2f22f9f5521	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/34a23fd9ddd683a03c7e8cc0ceded3e59e354b99	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	

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.

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