



# media: hackrf: fix to not free memory after the device is registered in hackrf\_probe()

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

## Summary

<b>CVE</b>	CVE-2026-31576
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-24 15:16:32 UTC
<b>Updated</b>	2026-04-27 20:40:20 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: media: hackrf: fix to not free memory after the device is re

## 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

**EPSS:** 0.000180000 probability, percentile 0.048130000 (date 2026-04-27)

**Problem Types:** CWE-416

## 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 8bc4a9ed85046c214458c9e82aea75d2f46cfffdd45cbaf5c7cdc5386d86377f0daf94a17a007fed0 git
CNA	Linux	Linux	affected 8bc4a9ed85046c214458c9e82aea75d2f46cfffdd98a0a81ce78020c2522e0046f49d200de9778cb9 git
CNA	Linux	Linux	affected 8bc4a9ed85046c214458c9e82aea75d2f46cfffdd07e9e674b6146b1f6fc41b1f54b8968bf2802824 git
CNA	Linux	Linux	affected 8bc4a9ed85046c214458c9e82aea75d2f46cfffdd2145c71a8044362e82e9923f001ba2aeb771b848 git
CNA	Linux	Linux	affected 8bc4a9ed85046c214458c9e82aea75d2f46cfffddcd1d70792a35c8a97414fe429f48311e41269c2 git
CNA	Linux	Linux	affected 8bc4a9ed85046c214458c9e82aea75d2f46cfffdd3b7da2b4d0fe014eff181ed37e3bf832eb8ed258 git
CNA	Linux	Linux	affected 4.4
CNA	Linux	Linux	unaffected 4.4 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

## References

Reference	Source	Link	Tags
git.kernel.org/stable/c/98a0a81ce78020c2522e0046f49d200de9778cb9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/2145c71a8044362e82e9923f001ba2aeb771b848	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/45cbaf5c7cdc5386d86377f0daf94a17a007fed0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/07e9e674b6146b1f6fc41b1f54b8968bf2802824	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/fcd1d70792a35c8a97414fe429f48311e41269c2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/3b7da2b4d0fe014eff181ed37e3bf832eb8ed258	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	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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