



hwmon: (powerz) Fix use-after-free on USB disconnect

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

Summary

CVE	CVE-2026-31582
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:32 UTC
Updated	2026-04-27 20:26:58 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: hwmon: (powerz) Fix use-after-free on USB disconnect Af

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 4381a36abdf1c5c0323c1c51f869dc000115eb20 c78e1d4e48f23792adaa7c94251e22b0d9700a39 git			
CNA	Linux	Linux	affected 4381a36abdf1c5c0323c1c51f869dc000115eb20 9e1b798257f96d2e2a2639830eb71add545ce749 git			
CNA	Linux	Linux	affected 4381a36abdf1c5c0323c1c51f869dc000115eb20 7003ae4810ca83f0ddca85b768500e313c4b998c git			
CNA	Linux	Linux	affected 4381a36abdf1c5c0323c1c51f869dc000115eb20 61f2aa23b0ce8d7aa5071ed25a7471e246a4fdd4 git			
CNA	Linux	Linux	affected 4381a36abdf1c5c0323c1c51f869dc000115eb20 08e57f5e1a9067d5fbf33993aa7f51d60b3d13a4 git			
CNA	Linux	Linux	affected 6.7			
CNA	Linux	Linux	unaffected 6.7 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/08e57f5e1a9067d5fbf33993aa7f51d60b3d13a4	416baaa9-dc9f-4396-8d5f-8c081fb06d67			git.kernel.org	Patch	
git.kernel.org/stable/c/7003ae4810ca83f0ddca85b768500e313c4b998c	416baaa9-dc9f-4396-8d5f-8c081fb06d67			git.kernel.org	Patch	
git.kernel.org/stable/c/61f2aa23b0ce8d7aa5071ed25a7471e246a4fdd4	416baaa9-dc9f-4396-8d5f-8c081fb06d67			git.kernel.org	Patch	
git.kernel.org/stable/c/9e1b798257f96d2e2a2639830eb71add545ce749	416baaa9-dc9f-4396-8d5f-8c081fb06d67			git.kernel.org	Patch	
git.kernel.org/stable/c/c78e1d4e48f23792adaa7c94251e22b0d9700a39	416baaa9-dc9f-4396-8d5f-8c081fb06d67			git.kernel.org	Patch	
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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