



# gpio: sysfs: fix chip removal with GPIOs exported over sysfs

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

## Summary

<b>CVE</b>	CVE-2026-43181
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-06 12:16:36 UTC
<b>Updated</b>	2026-05-11 20:53:27 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: gpio: sysfs: fix chip removal with GPIOs exported over sysfs

## 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	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 1cd53df733c21ae0d344a2dec941a3e2a06fed9 54f463494eb5bf193ef7d904a493474c451734df git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 1cd53df733c21ae0d344a2dec941a3e2a06fed9 a645cc25904b0baf508b77a0402ce151212b9800 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 1cd53df733c21ae0d344a2dec941a3e2a06fed9 6766f59012301f1bf3f46c6e7149caca45d92309 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 6.17
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.17 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.18.16 6.18.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.19.6 6.19.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 7.0 * original_commit_for_fix

## References

Reference	Source	Link	Tags
<a href="https://git.kernel.org/stable/c/54f463494eb5bf193ef7d904a493474c451734df">git.kernel.org/stable/c/54f463494eb5bf193ef7d904a493474c451734df</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/a645cc25904b0baf508b77a0402ce151212b9800">git.kernel.org/stable/c/a645cc25904b0baf508b77a0402ce151212b9800</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
<a href="https://git.kernel.org/stable/c/6766f59012301f1bf3f46c6e7149caca45d92309">git.kernel.org/stable/c/6766f59012301f1bf3f46c6e7149caca45d92309</a>	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>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

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