



media: as102: fix to not free memory after the device is registered in as102_usb_probe()

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2026-31578 |
| 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 20:42:44 UTC |

Description In the Linux kernel, the following vulnerability has been resolved: media: as102: 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 cd19f7d3e39b3160595d56bb3e3a2bf4f7f4669c cb8092038e95dc1113a68e63762de40fff61ba71 git |
| CNA | Linux | Linux | affected cd19f7d3e39b3160595d56bb3e3a2bf4f7f4669c 582fbecb3756330006fe1950762412a68c2cacd2 git |
| CNA | Linux | Linux | affected cd19f7d3e39b3160595d56bb3e3a2bf4f7f4669c 09e9206008b887aa553733bd915d73131071a086 git |
| CNA | Linux | Linux | affected cd19f7d3e39b3160595d56bb3e3a2bf4f7f4669c 2eeae47a438694408189138048a786be99954032 git |
| CNA | Linux | Linux | affected cd19f7d3e39b3160595d56bb3e3a2bf4f7f4669c 7e5aedf6059cba2a669d86caef5a51f33ec85a1 git |
| CNA | Linux | Linux | affected cd19f7d3e39b3160595d56bb3e3a2bf4f7f4669c 8bd29dbe03fc5b0f039ab2395ff37b64236d2f0c git |
| CNA | Linux | Linux | affected 3.14 |
| CNA | Linux | Linux | unaffected 3.14 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/582fbecb3756330006fe1950762412a68c2cacd2 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/8bd29dbe03fc5b0f039ab2395ff37b64236d2f0c | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/2eeae47a438694408189138048a786be99954032 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/7e5aedf6059cba2a669d86caef5a51f33ec85a1 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/09e9206008b887aa553733bd915d73131071a086 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | Patch |
| git.kernel.org/stable/c/cb8092038e95dc1113a68e63762de40fff61ba71 | 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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