media: vidtv: fix NULL pointer dereference in vidtv_channel_pmt_match_sections

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-31599
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:38 UTC
Updated	2026-04-29 20:12:57 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: media: vidtv: fix NULL pointer dereference in vidtv_channe

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

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

Problem Types: CWE-476

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	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected f90cf6079bf67988f8b1ad1ade70fc89d0080905 b7efb4c94797c504a1c678edb48c2aa311d3309f git
CNA	Linux	Linux	affected f90cf6079bf67988f8b1ad1ade70fc89d0080905 e589de36da106ef739ba98f66f5a5c2023370706 git
CNA	Linux	Linux	affected f90cf6079bf67988f8b1ad1ade70fc89d0080905 2dff11fb5098ae453651f8f77e94ad499c078022 git
CNA	Linux	Linux	affected f90cf6079bf67988f8b1ad1ade70fc89d0080905 b832cfd516b8504e95884622cee60bf9a39b7945 git
CNA	Linux	Linux	affected f90cf6079bf67988f8b1ad1ade70fc89d0080905 07c1e474cf9acf777f09d14a8f8dfcef5b84e46f git
CNA	Linux	Linux	affected f90cf6079bf67988f8b1ad1ade70fc89d0080905 f8e1fc918a9fe67103bcda01d20d745f264d00a7 git
CNA	Linux	Linux	affected 5.10
CNA	Linux	Linux	unaffected 5.10 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/e589de36da106ef739ba98f66f5a5c2023370706	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b7efb4c94797c504a1c678edb48c2aa311d3309f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b832cfd516b8504e95884622cee60bf9a39b7945	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/f8e1fc918a9fe67103bcda01d20d745f264d00a7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2dff11fb5098ae453651f8f77e94ad499c078022	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/07c1e474cf9acf777f09d14a8f8dfcef5b84e46f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report