



CVE-2017-17975

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2017-17975
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-30 01:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Use-after-free in the usbtv_probe function in drivers/media/usb/usbtv/usbtv-core.c in the Linux kernel through 4.14.10 allow

Risk And Classification

Primary CVSS: v3.0 5.5 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

Problem Types: CWE-416 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.9		AV:L/AC:L/Au:N/C:N/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:N/C:N/I:N/A:C

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	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
USN-3653-1: Linux kernel vulnerabilities Ubuntu security notices	af854a3a-2127-422b-91ae-364da2661108
USN-3654-1: Linux kernel vulnerabilities Ubuntu security notices	af854a3a-2127-422b-91ae-364da2661108
USN-3656-1: Linux kernel (Raspberry Pi 2, Snapdragon) vulnerabilities Ubuntu security notices	af854a3a-2127-422b-91ae-364da2661108
[Idiv-project] Double-free in usbtv driver	af854a3a-2127-422b-91ae-364da2661108
USN-3657-1: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu security notices Ubuntu	af854a3a-2127-422b-91ae-364da2661108
Malformed Request	af854a3a-2127-422b-91ae-364da2661108
USN-3654-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	af854a3a-2127-422b-91ae-364da2661108
Debian -- Security Information -- DSA-4188-1 linux	af854a3a-2127-422b-91ae-364da2661108
USN-3653-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices	af854a3a-2127-422b-91ae-364da2661108
CVE Program record	CVE.ORG

No vendor comments have been submitted for this CVE.

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

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