



CVE-2015-7515

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2015-7515
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-27 17:59:01 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The aiptek_probe function in drivers/input/tablet/aiptek.c in the Linux kernel before 4.4 allows physically proximate attackers

Risk And Classification

Primary CVSS: v3.1 4.6 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

Problem Types: CWE-476 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	4.6	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:N/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 v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:P/AC:L/PR:N/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
Operating System	Linux	Linux Kernel	4.4	rc1	All	All
Operating System	Linux	Linux Kernel	4.4	rc2	All	All
Operating System	Linux	Linux Kernel	4.4	rc3	All	All
Operating System	Linux	Linux Kernel	4.4	rc4	All	All
Operating System	Linux	Linux Kernel	4.4	rc5	All	All
Operating System	Linux	Linux Kernel	4.4	rc6	All	All
Operating System	Linux	Linux Kernel	4.4	rc7	All	All
Operating System	Linux	Linux Kernel	4.4	rc8	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
USN-2968-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
Linux Kernel 3.10.0 (CentOS / RHEL 7.1) - 'aiptek' Nullpointer Dereference - Linux dos Exploit	af854a3a-2127-422b-91ae-364da2661108

USN-2971-2: Linux kernel (Wily HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
[security-announce] SUSE-SU-2016:2074-1: important: Security update for	af854a3a-2127-422b-91ae-364da2661108
USN-2968-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
Linux Kernel CVE-2015-7515 Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108
USN-2971-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108
Debian -- Security Information -- DSA-3607-1 linux	af854a3a-2127-422b-91ae-364da2661108
USN-2967-2: Linux kernel (OMAP4) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
USN-2969-1: Linux kernel (Utopic HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
Input: aiptek - fix crash on detecting device without endpoints · torvalds/linux@8e20cf2 · GitHub	af854a3a-2127-422b-91ae-364da2661108
[security-announce] SUSE-SU-2016:0911-1: important: Security update for	af854a3a-2127-422b-91ae-364da2661108
USN-2970-1: Linux kernel (Vivid HWE) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
USN-2971-3: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
[security-announce] SUSE-SU-2016:1102-1: important: Security update for	af854a3a-2127-422b-91ae-364da2661108
USN-2967-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108
CVE-2015-7515	af854a3a-2127-422b-91ae-364da2661108
Bug 1285326 – CVE-2015-7515 kernel: aiptek: crash on invalid USB device descriptors	af854a3a-2127-422b-91ae-364da2661108
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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