CVE-2015-7566

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

Summary

CVE	CVE-2015-7566
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-02-08 03:59:03 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The clie_5_attach function in drivers/usb/serial/visor.c in the Linux kernel through 4.4.1 allows physically proximate attacker

Risk And Classification

Primary CVSS: v3.0 4.6 MEDIUM from nvd@nist.gov

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

Problem Types: NVD-CWE-Other | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	4.6	MEDIUM	CVSS:3.0/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 v3.0 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/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	Novell	Suse Linux Enterprise Debuginfo	11	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	11	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Server	11	extra	All	All
Operating System	Novell	Suse Linux Enterprise Server	11	sp4	All	All
Application	Novell	Suse Linux Enterprise Software Development Kit	11	sp4	All	All

Vendor Declared Affected Products

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

References

Reference
kernel/git/torvalds/linux.git - Linux kernel source tree
USB: serial: visor: fix crash on detecting device without write_urbs · torvalds/linux@cb32321 · GitHub
[security-announce] SUSE-SU-2016:1672-1: important: Security update for
USN-2929-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu

CVE-2015-7566
USN-2930-2: Linux kernel (Wily HWE) vulnerabilities | Ubuntu
USN-2932-1: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu
[security-announce] SUSE-SU-2016:2074-1: important: Security update for
USN-2929-1: Linux kernel vulnerabilities | Ubuntu
USN-2930-1: Linux kernel vulnerabilities | Ubuntu
[security-announce] SUSE-SU-2016:1707-1: important: Security update for
[SECURITY] Fedora 23 Update: kernel-4.3.3-303.fc23
Debian -- Security Information -- DSA-3503-1 linux
USN-2967-2: Linux kernel (OMAP4) vulnerabilities | Ubuntu
[security-announce] SUSE-SU-2016:1764-1: important: Security update for
USN-2948-2: Linux kernel (Utopic HWE) regression | Ubuntu
Bug 1283371 – CVE-2015-7566 Local RedHat Enterprise Linux DoS – RHEL 7.1 Kernel crashes on invalid USB device descriptors (visor drive
USN-2930-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu
[SECURITY] Fedora 22 Update: kernel-4.3.4-200.fc22
USN-2967-1: Linux kernel vulnerabilities | Ubuntu
[SECURITY] Fedora 23 Update: kernel-4.3.3-301.fc23
USN-2948-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu
Linux Kernel 3.10.0 (CentOS / RHEL 7.1) - visor clie_5_attach Nullpointer Dereference - Linux dos Exploit
SecurityFocus
Bug 1296466 – CVE-2015-7566 kernel: Crash on invalid USB device descriptors in visor driver
Debian -- Security Information -- DSA-3448-1 linux
Linux Kernel 'drivers/usb/serial/visor.c' Local Denial of Service Vulnerability
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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Free CVE JSON API cve.report/api

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