CVE-2016-5728

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

Summary

CVE	CVE-2016-5728
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-06-27 10:59:12 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Race condition in the vop_ioctl function in drivers/misc/mic/vop/vop_vringh.c in the MIC VOP driver in the Linux kernel befo

Risk And Classification

Primary CVSS: v3.0 6.3 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.3	MEDIUM	CVSS:3.0/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:N/A:H
2.0	nvd@nist.gov	Primary	5.4		AV:L/AC:M/Au:N/C:P/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
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	Li
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.6.1	af854a3a-2127-422b-91ae-364da2661108	ww
USN-3070-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	ww
116651 – Double-Fetch bug in Linux-4.5/drivers/misc/mic/host/mic_virtio.c	af854a3a-2127-422b-91ae-364da2661108	bu
USN-3070-2: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	ww
USN-3071-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	ww
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108	ww
misc: mic: Fix for double fetch security bug in VOP driver · torvalds/linux@9bf292b · GitHub	af854a3a-2127-422b-91ae-364da2661108	git
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git
Debian -- Security Information -- DSA-3616-1 linux	af854a3a-2127-422b-91ae-364da2661108	ww

USN-3071-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	wv
USN-3070-3: Linux kernel (Qualcomm Snapdragon) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	wv
USN-3070-4: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	wv
CVE Program record	CVE.ORG	wv
NVD vulnerability detail	NVD	nv

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**