CVE-2016-2547

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

Summary

CVE	CVE-2016-2547
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-27 17:59:17 UTC
Updated	2026-05-06 22:30:45 UTC
Description	sound/core/timer.c in the Linux kernel before 4.4.1 employs a locking approach that does not consider slave timer instances

Risk And Classification

Primary CVSS: v3.0 5.1 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-362 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.1	MEDIUM	CVSS:3.0/AV:L/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.7		AV:L/AC:M/Au:N/C:N/I:N/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:M/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
oss-security - Security bugs in Linux kernel sound subsystem
1311566 – (CVE-2016-2547) CVE-2016-2547 kernel: sound: use-after-free in snd_timer_user_ioctl
USN-2929-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu
USN-2930-2: Linux kernel (Wily HWE) vulnerabilities | Ubuntu
USN-2932-1: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu
Linux Kernel CVE-2016-2547 Multiple Local Denial of Service Vulnerabilities
[security-announce] SUSE-SU-2016:2074-1: important: Security update for
USN-2929-1: Linux kernel vulnerabilities | Ubuntu
Linux Kernel Sound Driver snd_timer_close() Lets Local Users Cause Denial of Service Conditions on the Target System - SecurityTracker
USN-2930-1: Linux kernel vulnerabilities | Ubuntu

Debian -- Security Information -- DSA-3503-1 linux
kernel/git/torvalds/linux.git - Linux kernel source tree
USN-2967-2: Linux kernel (OMAP4) vulnerabilities | Ubuntu
[security-announce] SUSE-SU-2016:0911-1: important: Security update for
USN-2930-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu
USN-2931-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu
[security-announce] SUSE-SU-2016:1102-1: important: Security update for
USN-2967-1: Linux kernel vulnerabilities | Ubuntu
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.4.1
ALSA: timer: Harden slave timer list handling · torvalds/linux@b5a663a · GitHub
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.