



CVE-2016-2546

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary	
CVE	CVE-2016-2546
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-27 17:59:16 UTC
Updated	2026-05-06 22:30:45 UTC
Description	sound/core/timer.c in the Linux kernel before 4.4.1 uses an incorrect type of mutex, which allows local users to cause a den

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

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

ALSA: timer: Fix race among timer ioctls · torvalds/linux@af36802 · GitHub

[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

Linux Kernel Sound Driver Race Condition in snd_timer_user_ioctl() Lets Local Users Cause Denial of Service Conditions on the Target System

Debian -- Security Information -- DSA-3503-1 linux

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
kernel/git/torvalds/linux.git - Linux kernel source tree
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
Linux Kernel CVE-2016-2546 Use After Free Denial of Service Vulnerability
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.4.1
1311564 – (CVE-2016-2546) CVE-2016-2546 kernel: sound: GPF in snd_timer_user_params
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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