



CVE-2017-1000380

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

CVE	CVE-2017-1000380
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-06-17 18:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	sound/core/timer.c in the Linux kernel before 4.11.5 is vulnerable to a data race in the ALSA /dev/snd/timer driver resulting

Risk And Classification

Primary CVSS: v3.0 5.5 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-200 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	2.1		AV:L/AC:L/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

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

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	Source
ALSA: timer: Fix missing queue indices reset at SNDRV_TIMER_IOCTL_SELECT · torvalds/linux@ba3021b · GitHub	af854a3a-2127-422b-
Pixel / Nexus Security Bulletin—December 2017 Android Open Source Project	af854a3a-2127-422b-
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.11.5	af854a3a-2127-422b-
Red Hat Customer Portal	af854a3a-2127-422b-
Debian -- Security Information -- DSA-3981-1 linux	af854a3a-2127-422b-
Red Hat Customer Portal	af854a3a-2127-422b-
Red Hat Customer Portal	af854a3a-2127-422b-
ALSA: timer: Fix race between read and ioctl · torvalds/linux@d11662f · GitHub	af854a3a-2127-422b-
oss-security - Linux kernel 2.6.0 to 4.12-rc4 infoleak due to a data race in ALSA timer	af854a3a-2127-422b-

kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-
Linux Kernel 'sound/core/timer.c' Local Information Disclosure Vulnerability	af854a3a-2127-422b-
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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