



CVE-2010-4080

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2010-4080
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-11-30 22:14:00 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The snd_hdsp_hwdep_ioctl function in sound/pci/rme9652/hdsp.c in the Linux kernel before 2.6.36-rc6 does not initialize a

Risk And Classification

Primary CVSS: v2.0 2.1 from nvd@nist.gov

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

Problem Types: CWE-200 | n/a

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	Debian	Debian Linux	5.0	All	All	All

Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	2.6.36	-	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc5	All	All
Operating System	Opensuse	Opensuse	11.2	All	All	All
Operating System	Opensuse	Opensuse	11.3	All	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp3	All	All
Operating System	Suse	Linux Enterprise Real Time Extension	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	10	sp3	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	10	sp3	All	All

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

References						
Reference				Source		
Bug 648669 – CVE-2010-4080 kernel: drivers/sound/pci/rme9652/hdsp.c: reading uninitialized stack memory				af854a3a-2127-422b-91ae-36		
Debian -- Security Information -- DSA-2126-1 linux-2.6				af854a3a-2127-422b-91ae-36		
access.redhat.com				af854a3a-2127-422b-91ae-36		
oss-security - Re: CVE request: multiple kernel stack memory disclosures				af854a3a-2127-422b-91ae-36		
Red Hat update for kernel - Advisories - Community				af854a3a-2127-422b-91ae-36		
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20				af854a3a-2127-422b-91ae-36		
SUSE update for kernel - Advisories - Community				af854a3a-2127-422b-91ae-36		
Support				af854a3a-2127-422b-91ae-36		
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH				af854a3a-2127-422b-91ae-36		
SecurityFocus				af854a3a-2127-422b-91ae-36		
kernel/git/torvalds/linux.git - Linux kernel source tree				af854a3a-2127-422b-91ae-36		
Red Hat update for kernel - Secunia.com				af854a3a-2127-422b-91ae-36		
oss-security - CVE request: multiple kernel stack memory disclosures				af854a3a-2127-422b-91ae-36		
About Secunia Research Flexera				af854a3a-2127-422b-91ae-36		
SUSE update for kernel - Advisories - Community				af854a3a-2127-422b-91ae-36		
VMSA-2011-0012.2				af854a3a-2127-422b-91ae-36		
Linux Kernel ISNDPV_HDSP_IOCTL_GET_CONFIG_IOCTL Local Information Disclosure Vulnerability				af854a3a-2127-422b-91ae-36		

Linux Kernel SNDRV_HDSP_IOCTL_GET_CONFIG_INFO IOCTL Local Information Disclosure vulnerability	af854a3a-2127-422b-91ae-36
404: File not found	af854a3a-2127-422b-91ae-36
LKML: Dan Rosenberg: [PATCH] sound/pci/rme9652: prevent reading uninitialized stack memory	af854a3a-2127-422b-91ae-36
oss-security - Re: CVE request: multiple kernel stack memory disclosures	af854a3a-2127-422b-91ae-36
oss-security - Re: CVE request: multiple kernel stack memory disclosures	af854a3a-2127-422b-91ae-36
Support	af854a3a-2127-422b-91ae-36
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-36
Linux Kernel 'hdsp.c' IOCTL Local Information Disclosure Vulnerability	af854a3a-2127-422b-91ae-36
Red Hat update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-36
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-36
[security-announce] SUSE Security Announcement: Realtime Linux Kernel (S	af854a3a-2127-422b-91ae-36
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-36
access.redhat.com	af854a3a-2127-422b-91ae-36
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-36
kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE
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.