



CVE-2016-2184

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

Summary

CVE	CVE-2016-2184
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-27 17:59:00 UTC
Updated	2023-09-12 14:55:00 UTC
Description	The create_fixed_stream_quirk function in sound/usb/quirks.c in the snd-usb-audio driver in the Linux kernel before 4.5.1 al

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Suse Linux Enterprise Debuginfo	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Debuginfo	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Live Patching	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12.0	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	extra	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	sp4	All	All

Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	extra	All	All
Operating System	Novell	Suse Linux Enterprise Server	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All
Application	Novell	Suse Linux Enterprise Software Development Kit	11.0	sp4	All	All
Application	Novell	Suse Linux Enterprise Software Development Kit	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	11.0	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Software Development Kit	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Workstation Extension	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Workstation Extension	12.0	All	All	All

References

Reference

1317012 – (CVE-2016-2184) CVE-2016-2184 kernel: Kernel panic on invalid USB device descriptor (snd_usb_audio driver)

USN-2969-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu

Linux Kernel 'usb/quirks.c' Null Pointer Deference Local Denial of Service Vulnerability

ALSA: usb-audio: Fix NULL dereference in create_fixed_stream_quirk() · torvalds/linux@0f886ca · GitHub

[security-announce] SUSE-SU-2016:1707-1: important: Security update for

USN-2971-2: Linux kernel (Wily HWE) vulnerabilities | Ubuntu

Android Security Bulletin—November 2016 | Android Open Source Project

Bugtraq: oss-2016-17: Local RedHat Enterprise Linux DoS – RHEL 7.1 Kernel crashes (multiple free) on invalid USB device descriptors (snd-usb-audio driver)

kernel/git/torvalds/linux.git - Linux kernel source tree

www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.5.1

USN-2968-1: Linux kernel vulnerabilities | Ubuntu

Linux Kernel 3.10.0-229.x (CentOS / RHEL 7.1) - 'snd-usb-audio' Crash (PoC) - Linux dos Exploit

[security-announce] SUSE-SU-2016:2074-1: important: Security update for

[security-announce] SUSE-SU-2016:1672-1: important: Security update for

USN-2970-1: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu

USN-2968-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu

Bugtraq: oss-2016-16: Local RedHat Enterprise Linux DoS – RHEL 7.1 Kernel crashes on invalid USB device descriptors (snd-usb-audio driver)

Debian -- Security Information -- DSA-3607-1 linux

USN-2996-1: Linux kernel vulnerabilities | Ubuntu

USN-2971-1: Linux kernel vulnerabilities | Ubuntu

[security-announce] SUSE-SU-2016:1764-1: important: Security update for

[security-announce] SUSE-SU-2016:1690-1: important: Security update for

[security-announce] SUSE-SU-2016:1019-1: important: Security update for

[security-announce] openSUSE-SU-2016:1008-1: important: Security update

USN-2997-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu

USN-2971-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu

20160314 Re: oss-2016-17: Local RedHat Enterprise Linux DoS - RHEL 7.1 Kernel crashes (multiple free) on invalid USB device descriptors (

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[671064](#) EulerOS Security Update for kernel (EulerOS-SA-2019-2599)

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