



CVE-2016-3138

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

Summary

CVE	CVE-2016-3138
State	PUBLIC
Assigner	security@microfocus.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-05-02 10:59:00 UTC
Updated	2023-11-07 02:32:00 UTC
Description	The acm_probe function in drivers/usb/class/cdc-acm.c in the Linux kernel before 4.5.1 allows physically proximate attacker

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	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	All	All	All
Operating System	Novell	Suse Linux Enterprise Desktop	12.0	sp1	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	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	12.0	sp1	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
Application	Novell	Suse Linux Enterprise Software Development Kit	12.0	sp1	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	12.0	sp1	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	12.0	sp1	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	sp1	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	sp1	All	All

References

Reference	Source	Link
[security-announce] openSUSE-SU-2016:1382-1: important: Security update		lists.opensuse.org
USN-2969-1: Linux kernel (Utopic HWE) vulnerabilities Ubuntu		www.ubuntu.com
USN-2997-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
USB: cdc-acm: more sanity checking · torvalds/linux@8835ba4 · GitHub	CONFIRM	github.com
oss-security - Re: CVE request -- linux kernel: crash on invalid USB device descriptors (cdc_acm driver)	MLIST	www.openwall.com
[security-announce] SUSE-SU-2016:1696-1: important: Security update for	SUSE	lists.opensuse.org
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.5.1	CONFIRM	www.kernel.org
[security-announce] SUSE-SU-2016:1707-1: important: Security update for		lists.opensuse.org
USN-2971-2: Linux kernel (Wily HWE) vulnerabilities Ubuntu		www.ubuntu.com
1316204 – (CVE-2016-3138) CVE-2016-3138 kernel: Crash on invalid USB device descriptors (cdc_acm driver)	CONFIRM	bugzilla.redhat.com
USN-2996-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
CONFIRM		

kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
USN-2968-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
[security-announce] SUSE-SU-2016:1672-1: important: Security update for	SUSE	lists.opensuse.org
USN-2971-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
USN-2968-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
[security-announce] SUSE-SU-2016:2074-1: important: Security update for		lists.opensuse.org
[security-announce] SUSE-SU-2016:1764-1: important: Security update for	SUSE	lists.opensuse.org
USN-2970-1: Linux kernel (Vivid HWE) vulnerabilities Ubuntu		www.ubuntu.com
Debian -- Security Information -- DSA-3607-1 linux		www.debian.org
[security-announce] SUSE-SU-2016:1690-1: important: Security update for		lists.opensuse.org
USN-2971-3: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

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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