



CVE-2016-3140

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2016-3140
State	PUBLIC
Assigner	security@suse.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 digi_port_init function in drivers/usb/serial/digi_acceleport.c in the Linux kernel before 4.5.1 allows physically proximate

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	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	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
USB: digi_acceleport: do sanity checking for the number of ports · torvalds/linux@5a07975 · GitHub		github.c
[security-announce] openSUSE-SU-2016:1382-1: important: Security update		lists.ope
USN-2997-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	UBUNTU	www.ub
kernel/git/torvalds/linux.git - Linux kernel source tree		git.kerne
Linux Kernel 'digi_acceleport.c' Local Denial of Service Vulnerability	BID	www.se
[security-announce] SUSE-SU-2016:1696-1: important: Security update for	SUSE	lists.ope
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.5.1	CONFIRM	www.ke
[security-announce] SUSE-SU-2016:1707-1: important: Security update for		lists.ope
Linux Kernel 3.10.0 (CentOS / RHEL 7.1) - 'digi_acceleport' Nullpointer Dereference - Linux dos Exploit		www.ex

USN-2971-2: Linux kernel (Wily HWE) vulnerabilities Ubuntu		www.ub
USN-3000-1: Linux kernel (Utopic HWE) vulnerabilities Ubuntu		www.ub
1316995 – (CVE-2016-3140) CVE-2016-3140 kernel: Crash on invalid USB device descriptors (digi_acceleport driver)	CONFIRM	bugzilla
USN-2996-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ub
USN-2968-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ub
[security-announce] SUSE-SU-2016:1672-1: important: Security update for	SUSE	lists.ope
USN-2971-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ub
USN-2968-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu	UBUNTU	www.ub
[security-announce] SUSE-SU-2016:2074-1: important: Security update for		lists.ope
[security-announce] SUSE-SU-2016:1764-1: important: Security update for	SUSE	lists.ope
USN-2970-1: Linux kernel (Vivid HWE) vulnerabilities Ubuntu		www.ub
oss-security - Re: CVE request -- linux kernel: crash on invalid USB device descriptors (digi_acceleport driver)		www.op
Debian -- Security Information -- DSA-3607-1 linux		www.de
[security-announce] SUSE-SU-2016:1690-1: important: Security update for		lists.ope
USN-2971-3: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu	UBUNTU	www.ub
CVE Program record	CVE.ORG	www.cv
NVD vulnerability detail	NVD	nvd.nist

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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