



CVE-2015-8816

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

Summary

CVE	CVE-2015-8816
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-04-27 17:59:00 UTC
Updated	2023-11-01 14:51:00 UTC
Description	The hub_activate function in drivers/usb/core/hub.c in the Linux kernel before 4.3.5 does not properly maintain a hub-interfa

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Suse Linux Enterprise Debuginfo	11	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Debuginfo	11	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	All	All	All
Operating System	Novell	Suse Linux Enterprise Module For Public Cloud	12	All	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	11	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	11	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Real Time Extension	12	sp1	All	All
Operating System	Novell	Suse Linux Enterprise Server	11	extra	All	All
Operating System	Novell	Suse Linux Enterprise Server	11	sp4	All	All
Operating System	Novell	Suse Linux Enterprise Server	12.0	All	All	All

Operating System	Novell	Suse Linux Enterprise Server	11	extra	All	All
Operating System	Novell	Suse Linux Enterprise Server	11	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
Operating System	Suse	Linux Enterprise Live Patching	12	-	All	All
Operating System	Suse	Linux Enterprise Server	12	All	All	All

References

Reference	Source	Link
[security-announce] SUSE-SU-2016:2001-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:2009-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:1961-1: important: Security update for	SUSE	lists.opensuse.org
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
Debian -- Security Information -- DSA-3503-1 linux	DEBIAN	www.debian.org
[security-announce] SUSE-SU-2016:2010-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:2005-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:2002-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:1707-1: important: Security update for	SUSE	lists.opensuse.org
Oracle Linux Bulletin - July 2016	CONFIRM	www.oracle.com
[security-announce] SUSE-SU-2016:2007-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:1994-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:1995-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:2014-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:2074-1: important: Security update for	SUSE	lists.opensuse.org
Android Security Bulletin—July 2016 Android Open Source Project	CONFIRM	source.android.com
[security-announce] SUSE-SU-2016:1672-1: important: Security update for	SUSE	lists.opensuse.org
Linux Kernel 'usb/core/hub.c' NULL Pointer Dereference Denial of Service Vulnerability	BID	www.securityfocus.com
1311589 – (CVE-2015-8816) CVE-2015-8816 kernel: USB hub invalid memory access in hub_activate()	CONFIRM	bugzilla.redhat.com

[security-announce] SUSE-SU-2016:2006-1: important: Security update for	SUSE	lists.opensuse.org
oss-security - CVE Request: Linux kernel USB hub invalid memory access in hub_activate()	MLIST	www.openwall.com
Oracle VM Server for x86 Bulletin - October 2016	CONFIRM	www.oracle.com
[security-announce] SUSE-SU-2016:1764-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:1690-1: important: Security update for	SUSE	lists.opensuse.org
[security-announce] SUSE-SU-2016:1019-1: important: Security update for	SUSE	lists.opensuse.org
USB: fix invalid memory access in hub_activate() · torvalds/linux@e50293e · GitHub	CONFIRM	github.com
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.3.5	CONFIRM	www.kernel.org
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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