CVE-2016-4486

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-4486
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-05-23 10:59:00 UTC
Updated	2023-09-12 14:55:00 UTC
Description	The rtnl_fill_link_ifmap function in net/core/rtnetlink.c in the Linux kernel before 4.5.5 does not initialize a certain data struct

Risk And Classification

Problem Types: CWE-200

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	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	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	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	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	12.0	sp1	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	Tags
USN-3005-1: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
[security-announce] SUSE-SU-2016:1937-1: important: Security update for	SUSE	lists.opensuse.org	Third Party Adv
[security-announce] openSUSE-SU-2016:1641-1: important: Security update	SUSE	lists.opensuse.org	
USN-3000-1: Linux kernel (Utopic HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
Linux Kernel 4.4 - 'rtnetlink' Stack Memory Disclosure - Linux local Exploit	EXPLOIT-DB	www.exploit-db.com	
[security-announce] SUSE-SU-2016:1985-1: important: Security update for	SUSE	lists.opensuse.org	
USN-2998-1: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv

oss-security - CVE Request: kernel information leak vulnerability in rtnetlink	MLIST	www.openwall.com	
USN-3001-1: Linux kernel (Vivid HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
USN-3004-1: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
1333316 – (CVE-2016-4486) CVE-2016-4486 kernel: Information leak in rtnetlink	CONFIRM	bugzilla.redhat.com	Issue Tracking,
USN-3007-1: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
net: fix infoleak in rtnetlink · torvalds/linux@5f8e447 · GitHub	CONFIRM	github.com	Vendor Advisor
[security-announce] SUSE-SU-2016:2074-1: important: Security update for	SUSE	lists.opensuse.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	
[security-announce] SUSE-SU-2016:1672-1: important: Security update for	SUSE	lists.opensuse.org	Third Party Adv
USN-3002-1: Linux kernel (Wily HWE) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
Debian -- Security Information -- DSA-3607-1 linux	DEBIAN	www.debian.org	
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.5.5	CONFIRM	www.kernel.org	
USN-2996-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
USN-2989-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
USN-3003-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
USN-3006-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
[security-announce] SUSE-SU-2016:1690-1: important: Security update for	SUSE	lists.opensuse.org	Third Party Adv
[security-announce] SUSE-SU-2016:2105-1: important: Security update for	SUSE	lists.opensuse.org	
[security-announce] SUSE-SU-2016:1696-1: important: Security update for	SUSE	lists.opensuse.org	Third Party Adv
[security-announce] openSUSE-SU-2016:2184-1: important: Security update	SUSE	lists.opensuse.org	
USN-2997-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com	Third Party Adv
Linux Kernel CVE-2016-4486 Local Information Disclosure Vulnerability	BID	www.securityfocus.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analy

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

CVE.report and Source URL Uptime Status status.cve.report