CVE-2012-4565

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Summary

CVE	CVE-2012-4565
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-12-21 11:47:00 UTC
Updated	2023-02-13 04:34:00 UTC
Description	The tcp_illinois_info function in net/ipv4/tcp_illinois.c in the Linux kernel before 3.4.19, when the net.ipv4.tcp_congestion_cc

Risk And Classification

Problem Types: CWE-189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.4.1	All	All	All
Operating System	Linux	Linux Kernel	3.4.10	All	All	All
Operating System	Linux	Linux Kernel	3.4.11	All	All	All
Operating System	Linux	Linux Kernel	3.4.12	All	All	All
Operating System	Linux	Linux Kernel	3.4.13	All	All	All
Operating System	Linux	Linux Kernel	3.4.14	All	All	All
Operating System	Linux	Linux Kernel	3.4.15	All	All	All
Operating System	Linux	Linux Kernel	3.4.16	All	All	All
Operating System	Linux	Linux Kernel	3.4.17	All	All	All
Operating System	Linux	Linux Kernel	3.4.2	All	All	All
Operating System	Linux	Linux Kernel	3.4.3	All	All	All
Operating System	Linux	Linux Kernel	3.4.4	All	All	All
Operating System	Linux	Linux Kernel	3.4.5	All	All	All
Operating System	Linux	Linux Kernel	3.4.6	All	All	All
Operating System	Linux	Linux Kernel	3.4.7	All	All	All
Operating System	Linux	Linux Kernel	3.4.8	All	All	All
Operating System	Linux	Linux Kernel	3.4.9	All	All	All

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Operating System	Linux	Linux Kernel	3.4.10	All	All	All
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Operating System	Linux	Linux Kernel	3.4.16	All	All	All
Operating System	Linux	Linux Kernel	3.4.17	All	All	All
Operating System	Linux	Linux Kernel	3.4.2	All	All	All
Operating System	Linux	Linux Kernel	3.4.3	All	All	All
Operating System	Linux	Linux Kernel	3.4.4	All	All	All
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Operating System	Linux	Linux Kernel	3.4.9	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
USN-1652-1: Linux kernel (Oneiric backport) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
Security Advisory SA51409 - Ubuntu update for linux, linux-ti-omap4, and linux-lts-backport-oneiric - Secunia	SECUNIA	secunia.com
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.4.19	CONFIRM	www.kernel.org
oss-security - Re: CVE Request -- kernel: net: divide by zero in tcp algorithm illinois	MLIST	www.openwall.co
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
USN-1644-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
871848 – (CVE-2012-4565) CVE-2012-4565 kernel: net: divide by zero in tcp algorithm illinois	CONFIRM	bugzilla.redhat.co
USN-1649-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
USN-1645-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
504 Gateway Time-out	BID	www.securityfocu
USN-1648-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
USN-1650-1: Linux kernel vulnerability | Ubuntu	UBUNTU	www.ubuntu.com
USN-1646-1: Linux kernel vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com

kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
[SECURITY] Fedora 16 Update: kernel-3.6.5-2.fc16	FEDORA	lists.fedoraproject
net: fix divide by zero in tcp algorithm illinois · torvalds/linux@8f363b7 · GitHub	CONFIRM	github.com
USN-1647-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
USN-1651-1: Linux kernel vulnerability | 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.

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

Free CVE JSON API cve.report/api

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