



CVE-2010-4160

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

Summary

CVE	CVE-2010-4160
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-01-07 12:00:00 UTC
Updated	2023-02-13 04:27:00 UTC
Description	Multiple integer overflows in the (1) pppol2tp_sendmsg function in net/l2tp/l2tp_ppp.c, and the (2) l2tp_ip_sendmsg function

Risk And Classification

Problem Types: CWE-190

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	Opensuse	Opensuse	11.2	All	All	All
Operating System	Opensuse	Opensuse	11.2	All	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp3	All	All
Operating System	Suse	Linux Enterprise Desktop	11	sp1	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp3	All	All
Operating System	Suse	Linux Enterprise Desktop	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	10	sp3	All	All
Operating System	Suse	Linux Enterprise Server	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	9	All	All	All
Operating System	Suse	Linux Enterprise Server	10	sp3	All	All
Operating System	Suse	Linux Enterprise Server	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	9	All	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	10	sp3	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	10	sp3	All	All

References			
Reference	Source	Link	Tags
SUSE update for kernel - Advisories - Community	SECUNIA	secunia.com	Third P
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
oss-security - Re: CVE request: kernel: L2TP send buffer allocation size overflows	MLIST	openwall.com	Mailing
SUSE update for kernel - Advisories - Community	SECUNIA	secunia.com	Third P
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com	Third P
Linux Kernel 'l2tp_ip_sendmsg()' and 'pppol2tp_sendmsg()' Denial of Service Vulnerability	BID	www.securityfocus.com	Third P
[SECURITY] L2TP send buffer allocation size overflows — Linux Network Development	MLIST	www.spinics.net	Mailing
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org	Mailing
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org	Mailing
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com	Third P
404: File not found	CONFIRM	www.kernel.org	Broken
SUSE update for kernel - Secunia.com	SECUNIA	secunia.com	Third P
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Patch, '
oss-security - CVE request: kernel: L2TP send buffer allocation size overflows	MLIST	openwall.com	Mailing
Webmail - OVH	VUPEN	www.vupen.com	Third P
CVE-2010-4160: Linux kernel L2TP Integer Overflows « xorl %eax, %eax	MISC	xorl.wordpress.com	Exploit,
oss-security - Re: CVE request: kernel: L2TP send buffer allocation size overflows	MLIST	openwall.com	Mailing
Red Hat update for kernel - Advisories - Community	SECUNIA	secunia.com	Third P
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
oss-security - Re: CVE request: kernel: L2TP send buffer allocation size overflows	MLIST	openwall.com	Mailing
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org	Mailing
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com	Third P
access.redhat.com	REDHAT	www.redhat.com	Third P
SUSE update for kernel - Advisories - Community	SECUNIA	secunia.com	Third P
oss-security - Re: CVE request: kernel: L2TP send buffer allocation size overflows	MLIST	openwall.com	Mailing
Bug 651892 – CVE-2010-4160 kernel: L2TP send buffer allocation size overflows	CONFIRM	bugzilla.redhat.com	Issue T
oss-security - Re: CVE request: kernel: L2TP send buffer allocation size overflows	MLIST	openwall.com	Mailing
Re: [PATCH 1/4] tipc: Fix bugs in tipc_msg_calc_data_size() — Linux Network Development	MLIST	www.spinics.net	Mailing
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Patch, '
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org	Mailing
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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

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