CVE-2010-4165

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

Summary

CVE	CVE-2010-4165
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-11-22 13:00:19 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The do_tcp_setsockopt function in net/ipv4/tcp.c in the Linux kernel before 2.6.37-rc2 does not properly restrict TCP_MAXS

Risk And Classification

Primary CVSS: v2.0 4.9 from nvd@nist.gov

AV:L/AC:L/Au:N/C:N/I:N/A:C

Problem Types: CWE-369 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:L/Au:N/C:N/I:N/A:C

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	2.6.37	-	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc1	All	All
Operating System	Opensuse	Opensuse	11.2	All	All	All
Operating System	Opensuse	Opensuse	11.3	All	All	All
Operating System	Suse	Linux Enterprise Desktop	11	sp1	All	All
Operating System	Suse	Linux Enterprise Real Time Extension	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	11	sp1	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
oss-security - Re: CVE request: kernel: possible kernel oops from user MSS	af854a3a-2127-422b-91ae-364da2661108	www
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.k
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364da2661108	lists.
SUSE update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364da2661108	secu
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Re: possible kernel oops from user MSS — Linux Network Development	af854a3a-2127-422b-91ae-364da2661108	www
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404: File not found	af854a3a-2127-422b-91ae-364da2661108	www
www.osvdb.org/69241	af854a3a-2127-422b-91ae-364da2661108	www
Linux Kernel <= 2.6.37 Local Kernel Denial of Service - CXSecurity.com	af854a3a-2127-422b-91ae-364da2661108	secu
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Linux Kernel < 2.6.37-rc2 TCP_MAXSEG Kernel Panic DoS - SecurityReason.com	af854a3a-2127-422b-91ae-364da2661108	secu

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kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE	git.ke
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.r

No vendor comments have been submitted for this CVE.

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