



CVE-2005-4881

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2005-4881
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-10-19 20:00:00 UTC
Updated	2026-04-23 00:35:47 UTC
Description	The netlink subsystem in the Linux kernel 2.4.x before 2.4.37.6 and 2.6.x before 2.6.13-rc1 does not initialize certain paddir

Risk And Classification

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

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

Problem Types: CWE-200 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.4.1	All	All	All

Operating System	Linux	Linux Kernel	2.4.10	All	All	All
Operating System	Linux	Linux Kernel	2.4.11	All	All	All
Operating System	Linux	Linux Kernel	2.4.12	All	All	All
Operating System	Linux	Linux Kernel	2.4.13	All	All	All
Operating System	Linux	Linux Kernel	2.4.14	All	All	All
Operating System	Linux	Linux Kernel	2.4.15	All	All	All
Operating System	Linux	Linux Kernel	2.4.16	All	All	All
Operating System	Linux	Linux Kernel	2.4.17	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	All	All
Operating System	Linux	Linux Kernel	2.4.19	All	All	All
Operating System	Linux	Linux Kernel	2.4.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.20	All	All	All
Operating System	Linux	Linux Kernel	2.4.21	All	All	All
Operating System	Linux	Linux Kernel	2.4.22	All	All	All
Operating System	Linux	Linux Kernel	2.4.23	All	All	All
Operating System	Linux	Linux Kernel	2.4.24	All	All	All
Operating System	Linux	Linux Kernel	2.4.25	All	All	All
Operating System	Linux	Linux Kernel	2.4.26	All	All	All
Operating System	Linux	Linux Kernel	2.4.27	All	All	All
Operating System	Linux	Linux Kernel	2.4.27	All	-pre1	All
Operating System	Linux	Linux Kernel	2.4.27	All	-pre2	All
Operating System	Linux	Linux Kernel	2.4.27	All	-pre3	All
Operating System	Linux	Linux Kernel	2.4.27	All	-pre4	All
Operating System	Linux	Linux Kernel	2.4.27	All	-pre5	All
Operating System	Linux	Linux Kernel	2.4.28	All	All	All
Operating System	Linux	Linux Kernel	2.4.29	All	All	All
Operating System	Linux	Linux Kernel	2.4.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.30	All	All	All
Operating System	Linux	Linux Kernel	2.4.30	rc2	All	All
Operating System	Linux	Linux Kernel	2.4.30	rc3	All	All
Operating System	Linux	Linux Kernel	2.4.31	All	All	All
Operating System	Linux	Linux Kernel	2.4.32	All	All	All
Operating System	Linux	Linux Kernel	2.4.33	All	All	All
Operating System	Linux	Linux Kernel	2.4.33.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.33.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.33.3	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	2.4.8	All	All	All
Operating System	Linux	Linux Kernel	2.4.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.0	All	All	All
Operating System	Linux	Linux Kernel	2.6.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.6	All	All	All
Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		
References						
Reference						Sou
oss-security - Re: CVE request: kernel: tc: uninitialised kernel memory leak						af85
git.kernel.org						af85
git.kernel.org						af85
Red Hat update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com						af85

404: File not found	af85
Support	af85
404: File not found	af85
Repository / Oval Repository	af85
oss-security - Re: CVE request: kernel: tc: uninitialised kernel memory leak	af85
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af85
oss-security - Re: CVE request: kernel: tc: uninitialised kernel memory leak	af85
git.kernel.org	af85
SUSE update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	af85
Bug 521601 – CVE-2005-4881 kernel: netlink: fix numerous padding memleaks	af85
git.kernel.org	af85
'[NETLINK]: Missing initializations in dumped data' - MARC	af85
oss-security - Re: CVE request: kernel: tc: uninitialised kernel memory leak	af85
git.kernel.org	af85
oss-security - Re: CVE request: kernel: tc: uninitialised kernel memory leak	af85
kernel/git/torvalds/linux.git - Linux kernel source tree	af85
CONFIRM:http://git.kernel.org/?p=linux/kernel/git/stable/linux-2.4.37.y.git;a=commit;h=0f3f2328f63c521fe4b435f148687452f98b2349	MITI
CONFIRM:http://git.kernel.org/?p=linux/kernel/git/stable/linux-2.4.37.y.git;a=commit;h=30e744716c4a6cc4e8ecaaddf68f20057c03dc8d	MITI
CONFIRM:http://git.kernel.org/?p=linux/kernel/git/stable/linux-2.4.37.y.git;a=commit;h=3408cce0c2f380884070896420ca566704452fb5	MITI
kernel/git/torvalds/linux.git - Linux kernel source tree	MITI
kernel/git/torvalds/linux.git - Linux kernel source tree	MITI
kernel/git/torvalds/linux.git - Linux kernel source tree	MITI
CVE Program record	CVE
NVD vulnerability detail	NVC

Vendor Comments And Credit			
Organization	Published	Contributor	Statement
Red Hat	2009-10-22	Tomas Hoger	Red Hat is aware of this issue and is tracking it via the following bug: https://bugzilla.redhat.com
There are currently no legacy QID mappings associated with this CVE.			

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Free CVE JSON API cve.report/api

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