



CVE-2010-4083

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

Summary

CVE	CVE-2010-4083
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-11-30 22:14:00 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The copy_semid_to_user function in ipc/sem.c in the Linux kernel before 2.6.36 does not initialize a certain structure, which

Risk And Classification

Primary CVSS: v2.0 1.9 from nvd@nist.gov

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

Problem Types: CWE-909 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	5.0	All	All	All

Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Opensuse	Opensuse	11.3	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 Real Time Extension	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 Software Development Kit	10	sp3	All	All

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

References			
Reference	Source		Link
Support	af854a3a-2127-422b-91ae-364da2661108		www.red
Debian -- Security Information -- DSA-2126-1 linux-2.6	af854a3a-2127-422b-91ae-364da2661108		www.deb
access.redhat.com	af854a3a-2127-422b-91ae-364da2661108		www.red
oss-security - Re: CVE request: multiple kernel stack memory disclosures	af854a3a-2127-422b-91ae-364da2661108		www.ope
Red Hat update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364da2661108		secunia.c
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364da2661108		lists.oper
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364da2661108		www.vup
SUSE update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364da2661108		secunia.c
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108		www.sec
Bug 648673 – CVE-2010-4083 kernel: ipc/sem.c: reading uninitialized stack memory	af854a3a-2127-422b-91ae-364da2661108		bugzilla.r
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108		git.kernel
+ sys_semctl-fix-kernel-stack-leakage.patch added to -mm tree -- MM Commits	af854a3a-2127-422b-91ae-364da2661108		www.spir
Red Hat update for kernel - Secunia.com	af854a3a-2127-422b-91ae-364da2661108		secunia.c
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About Secunia Research Flexera	af854a3a-2127-422b-91ae-364da2661108		secunia.c
Red Hat update for kernel - Secunia.com	af854a3a-2127-422b-91ae-364da2661108		secunia.c
SUSE update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364da2661108		secunia.c
VMSA-2011-0012.2	af854a3a-2127-422b-91ae-364da2661108		www.vmv
SUSE update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364da2661108		secunia.c

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Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364da2661108	www.vup
404: File not found	af854a3a-2127-422b-91ae-364da2661108	www.ker
Linux Kernel 'ipc/sem.c' Information Disclosure Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.sec
oss-security - Re: CVE request: multiple kernel stack memory disclosures	af854a3a-2127-422b-91ae-364da2661108	www.ope
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kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE	git.kernel
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

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