



CVE-2010-3437

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

Summary

CVE	CVE-2010-3437
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-10-04 21:00:00 UTC
Updated	2023-02-13 04:24:00 UTC
Description	Integer signedness error in the pkt_find_dev_from_minor function in drivers/block/pktdvd.c in the Linux kernel before 2.6.3

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	10.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.10	All	All	All
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.10	All	All	All
Operating System	Canonical	Ubuntu Linux	10.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.10	All	All	All
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.04	All	All	All
Operating System	Canonical	Ubuntu Linux	9.10	All	All	All
Operating System	Debian	Debian Linux	5.0	All	All	All
Operating System	Debian	Debian Linux	5.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	2.6.36	-	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc1	All	All

Operating System	Linux	Linux Kernel	2.6.36	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc5	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	2.6.36	-	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.36	rc5	All	All
Operating System	Opensuse	Opensuse	11.2	All	All	All
Operating System	Opensuse	Opensuse	11.3	All	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	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 Real Time Extension	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 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	
SUSE update for kernel - Advisories - Community				SECUNIA	secunia.com	
[security-announce] SUSE Security Announcement: Realtime Linux Kernel (S				SUSE	lists.opensuse.org	
kernel/git/torvalds/linux.git - Linux kernel source tree				CONFIRM	git.kernel.org	
SUSE Linux Enterprise Server 11 SP3 - SUSE Linux Enterprise Server 11 SP3				SUSE	suse.com	

[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
jon.oberheide.org/files/cve-2010-3437.c	MISC	jon.oberheide.org
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
oss-security - CVE request - kernel: pktcdvd ioctl dev_minor missing range check	MLIST	www.openwall.com
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com
Support	REDHAT	www.redhat.com
USN-1000-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
oss-security - Re: CVE request - kernel: pktcdvd ioctl dev_minor missing range check	MLIST	www.openwall.com
SUSE update for kernel - Advisories - Community	SECUNIA	secunia.com
mandriva.com	MANDRIVA	www.mandriva.com
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Linux Kernel < 2.6.36-rc6 pktcdvd Kernel Memory Disclosure	EXPLOIT-DB	www.exploit-db.com
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Linux Kernel 'PKT_CTRL_CMD_STATUS' Invalid Pointer Dereference Denial of Service Vulnerability	BID	www.securityfocus.com
Debian -- Security Information -- DSA-2126-1 linux-2.6	DEBIAN	www.debian.org
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
mandriva.com	MANDRIVA	www.mandriva.com
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com
SUSE update for kernel - Advisories - Community	SECUNIA	secunia.com
Bug 638085 – CVE-2010-3437 kernel: pktcdvd ioctl dev_minor missing range check	CONFIRM	bugzilla.redhat.com
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com
404: File not found	CONFIRM	www.kernel.org
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.

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