



CVE-2007-6716

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

Summary

CVE	CVE-2007-6716
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2008-09-04 17:41:00 UTC
Updated	2023-11-07 02:01:00 UTC
Description	fs/direct-io.c in the dio subsystem in the Linux kernel before 2.6.23 does not properly zero out the dio struct, which allows lo

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	7.10	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	7.10	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Debian	Debian Linux	4.0	All	All	All
Operating System	Debian	Debian Linux	4.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Novell	Linux Desktop	9	All	All	All
Operating System	Novell	Linux Desktop	9	All	All	All
Operating System	Opensuse	Opensuse	10.3	All	All	All
Operating System	Opensuse	Opensuse	10.3	All	All	All
Operating System	Suse	Suse Linux Enterprise Desktop	10	sp2	All	All
Operating System	Suse	Suse Linux Enterprise Desktop	10	sp2	All	All
Operating System	Suse	Suse Linux Enterprise Server	10	sp1	All	All

Operating System	Suse	Suse Linux Enterprise Server	10	sp2	All	All
Operating System	Suse	Suse Linux Enterprise Server	10	sp1	All	All
Operating System	Suse	Suse Linux Enterprise Server	10	sp2	All	All

References

Reference	Source	Link
[security-announce] SUSE Security Summary Report: SUSE-SR:2008:025	SUSE	lists.opensuse.org
SUSE Update for Multiple Packages - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
SUSE update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
Ubuntu update for linux - Secunia.com	SECUNIA	secunia.com
[security-announce] SUSE Security Announcement: Kernel (SUSE-SA:2008:056	SUSE	lists.opensuse.org
rhn.redhat.com Red Hat Support	REDHAT	rhn.redhat.com
Bug 461082 – CVE-2007-6716 kernel: dio: zero struct dio with kzalloc instead of manually	CONFIRM	bugzilla.redhat.com
Support / Security / Advisories // MDVSA-2008:220 Mandriva	MANDRIVA	www.mandriva.com
Debian -- Security Information -- DSA-1653-1 linux-2.6	DEBIAN	www.debian.org
404: File not found	CONFIRM	www.kernel.org
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Repository / Oval Repository	OVAL	oval.cisecurity.org
Red Hat update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
Support	REDHAT	www.redhat.com
kernel/git/torvalds/linux.git - Linux kernel source tree		git.kernel.org
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Security Advisory SA32103 - SUSE update for kernel - Secunia	SECUNIA	secunia.com
USN-659-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
oss-security - CVE request: kernel: dio: zero struct dio with kzalloc instead of manually	MLIST	www.openwall.com
Debian update for linux-2.6 - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
Linux kernel 'fs/direct-io.c' Local Denial of Service Vulnerability	BID	www.securityfocus.com
LKML: Joe Jin: Re: [PATCH] add check do_direct_IO() return val	MLIST	lkml.org
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Red Hat update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com
SUSE update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	SECUNIA	secunia.com
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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