CVE-2006-1528

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Summary

CVE	CVE-2006-1528
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2006-05-18 19:06:00 UTC
Updated	2025-04-03 01:03:51 UTC
Description	Linux kernel before 2.6.13 allows local users to cause a denial of service (crash) via a dio transfer from the sg driver to mem

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

EPSS: 0.000890000 probability, percentile 0.252910000 (date 2026-04-20)

Problem Types: CWE-20 | 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	2.6.0	test1	All	All
Operating System	Linux	Linux Kernel	2.6.0	test10	All	All
Operating System	Linux	Linux Kernel	2.6.0	test11	All	All
Operating System	Linux	Linux Kernel	2.6.0	test2	All	All
Operating System	Linux	Linux Kernel	2.6.0	test3	All	All
Operating System	Linux	Linux Kernel	2.6.0	test4	All	All
Operating System	Linux	Linux Kernel	2.6.0	test5	All	All
Operating System	Linux	Linux Kernel	2.6.0	test6	All	All
Operating System	Linux	Linux Kernel	2.6.0	test7	All	All
Operating System	Linux	Linux Kernel	2.6.0	test8	All	All
Operating System	Linux	Linux Kernel	2.6.0	test9	All	All
Operating System	Linux	Linux Kernel	2.6.1	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.1	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.1	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	x86_64	All
Operating System	Linux	Linux Kernel	2.6.11	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc5	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	2.6.11.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.11_rc1_bk6	All	All	All
Operating System	Linux	Linux Kernel	2.6.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc6	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
Operating System	Linux	Linux Kernel	2.6.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.2	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.2	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.2	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.3	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.3	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.3	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.3	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.4	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.4	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.4	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.5	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.5	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.5	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.6	rc2	All	All

Operating System	Linux	Linux Kernel	2.6.6	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.7	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.7	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.7	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.8.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	386	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	686	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	686_smp	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	amd64	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	amd64_k8	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	amd64_k8_smp	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	amd64_xeon	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	k7	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	k7_smp	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	power3	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	power3_smp	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	power4	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	power4_smp	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	powerpc	All
Operating System	Linux	Linux Kernel	2.6.8.1.5	All	powerpc_smp	All
Operating System	Linux	Linux Kernel	2.6.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.9	2.6.20	All	All
Operating System	Linux	Linux Kernel	2.6.9	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.9	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.9	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.9	rc4	All	All
Operating System	Linux	Linux Kernel	2.6_test9_cvs	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
usn/usn-302-1 - Ubuntu: Linux for human beings	af854a3a-2127-422b-91ae-364da2661108
Debian -- Security Information -- DSA-1183-1 kernel-source-2.4.27	af854a3a-2127-422b-91ae-364da2661108
Security Announcement	af854a3a-2127-422b-91ae-364da2661108
Ubuntu update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
Debian update for kernel-source-2.6.8 - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364da2661108
linux.bkbits.net/linux-2.6/cset%4043220081yu9ClBQNuqSSnW_9amW7iQ	af854a3a-2127-422b-91ae-364da2661108
Debian update for kernel-source-2.4.27 - Secunia.com	af854a3a-2127-422b-91ae-364da2661108
Red Hat update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
Debian -- Security Information -- DSA-1184-2 kernel-source-2.6.8	af854a3a-2127-422b-91ae-364da2661108
ASA-2006-161 (RHSA-2006-0493)	af854a3a-2127-422b-91ae-364da2661108
Repository / Oval Repository	af854a3a-2127-422b-91ae-364da2661108
Linux Kernel SG Driver Direct IO Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108
404: File not found	af854a3a-2127-422b-91ae-364da2661108
rhn.redhat.com | Red Hat Support	af854a3a-2127-422b-91ae-364da2661108
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da2661108
Security Announcement	af854a3a-2127-422b-91ae-364da2661108
'[PATCH] sg direct io/mmap oops' - MARC	af854a3a-2127-422b-91ae-364da2661108
SUSE update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
Linux Kernel SG Driver Denial of Service Vulnerability - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
Mandriva update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
SUSE update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
168791 – CVE-2006-1528 Possible local crash by dio/mmap sg driver	af854a3a-2127-422b-91ae-364da2661108
Avaya Products Linux Kernel Multiple Vulnerabilities - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108
Advisories - Mandriva Linux	af854a3a-2127-422b-91ae-364da2661108
CONFIRM:http://linux.bkbits.net:8080/linux-2.6/cset@43220081yu9ClBQNuqSSnW_9amW7iQ	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

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