CVE-2010-4163

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

Summary

CVE	CVE-2010-4163
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-01-03 20:00:42 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The blk_rq_map_user_iov function in block/blk-map.c in the Linux kernel before 2.6.36.2 allows local users to cause a denia

Risk And Classification

Primary CVSS: v2.0 4.7 from nvd@nist.gov

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

Problem Types: CWE-20 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:L/AC:M/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	All	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	11	sp1	All	All
Operating System	Suse	Linux Enterprise Real Time Extension	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	11	sp1	All	All

Vendor Declared Affected Products

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

References

Reference	Source
access.redhat.com	af854a3a-2127-422b-91ae-364
Bug 652957 – CVE-2010-4163 CVE-2010-4668 kernel: panic when submitting certain 0-length I/O requests	af854a3a-2127-422b-91ae-364
Red Hat update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364
SUSE update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364
mandriva.com	af854a3a-2127-422b-91ae-364
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364
SUSE update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364
SUSE update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364
oss-security - Re: CVE request: kernel: Multiple DoS issues in block layer	af854a3a-2127-422b-91ae-364
oss-security - CVE request: kernel: Multiple DoS issues in block layer	af854a3a-2127-422b-91ae-364
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364
oss-security - Re: CVE request: kernel: Multiple DoS issues in block layer	af854a3a-2127-422b-91ae-364
Linux Kernel Block Layer Local Denial of Service Vulnerabilities	af854a3a-2127-422b-91ae-364
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364
404: File not found	af854a3a-2127-422b-91ae-364
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364
[security-announce] SUSE Security Announcement: Realtime Linux Kernel (S	af854a3a-2127-422b-91ae-364
kernel/git/torvalds/linux.git - Linux kernel source tree	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**