



CVE-2010-4668

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

Summary

CVE	CVE-2010-4668
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-01-03 20:00:43 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 2.6.37-rc7 allows local users to cause a de

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-400 | 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	Linux	Linux Kernel	2.6.37	-	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc6	All	All

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

References	
Reference	Source
404: File not found	af854a3a-2127-422b-91ae-3
access.redhat.com	af854a3a-2127-422b-91ae-3
Red Hat update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-3
oss-security - Re: CVE request: kernel: Multiple DoS issues in block layer	af854a3a-2127-422b-91ae-3
oss-security - Re: CVE request: kernel: Multiple DoS issues in block layer	af854a3a-2127-422b-91ae-3
oss-security - Re: CVE request: kernel: Multiple DoS issues in block layer	af854a3a-2127-422b-91ae-3
404: File not found - Patchwork	af854a3a-2127-422b-91ae-3
IBM X-Force Exchange	af854a3a-2127-422b-91ae-3
Linux Kernel 'blk_rq_map_user_iov()' Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae-3
LKML: Jens Axboe: Re: [PATCH] block: check for proper length of iov entries earlier in blk_rq_map_user_iov()	af854a3a-2127-422b-91ae-3
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-3
LKML: Xiaotian Feng: [PATCH] block: check for proper length of iov entries earlier in blk_rq_map_user_iov()	af854a3a-2127-422b-91ae-3
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.

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Free CVE JSON API cve.report/api

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