



CVE-2006-0039

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2006-0039
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2006-05-19 22:02:00 UTC
Updated	2025-04-03 01:03:51 UTC
Description	Race condition in the do_add_counters function in netfilter for Linux kernel 2.6.16 allows local users with CAP_NET_ADMIN

Risk And Classification

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

AV:L/AC:H/Au:N/C:P/I:N/A:C

EPSS: 0.000650000 probability, percentile 0.200750000 (date 2026-04-20)

Problem Types: CWE-362 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

High

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

Complete

AV:L/AC:H/Au:N/C:P/I:N/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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Operating System	Linux	Linux Kernel	2.6.16	All	All	All
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Vendor Declared Affected Products

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

References

Reference	Source	Link
Secunia - Advisories - Ubuntu update for kernel	af854a3a-2127-422b-91ae-364da2661108	secunia.
ASA-2006-249 (RHSA-2006-0689)	af854a3a-2127-422b-91ae-364da2661108	support.
Linux Kernel Multiple Vulnerabilities - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.
404: File not found	af854a3a-2127-422b-91ae-364da2661108	kernel.or
rhn.redhat.com Red Hat Support	af854a3a-2127-422b-91ae-364da2661108	www.rec
usn/usn-311-1 - Ubuntu: Linux for human beings	af854a3a-2127-422b-91ae-364da2661108	www.ubi
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	www.ker
Avaya Products Linux Kernel Multiple Vulnerabilities - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.
Webmail - OVH	af854a3a-2127-422b-91ae-364da2661108	www.vuq
Debian -- Security Information -- DSA-1097-1 kernel-source-2.4.27	af854a3a-2127-422b-91ae-364da2661108	www.del
www.osvdb.org/25697	af854a3a-2127-422b-91ae-364da2661108	www.osv
Red Hat update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.
Linux Kernel Netfilter Weakness and Two SCTP Vulnerabilities - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.
Debian -- Security Information -- DSA-1103-1 kernel-source-2.6.8	af854a3a-2127-422b-91ae-364da2661108	www.del
133465 – Kernel: netfilter do_add_counters race (CVE-2006-0039)	af854a3a-2127-422b-91ae-364da2661108	bugs.ge
191698 – CVE-2006-0039 netfilter do_add_counters race	af854a3a-2127-422b-91ae-364da2661108	bugzilla.
Repository / Oval Repository	af854a3a-2127-422b-91ae-364da2661108	oval.cise
Debian update for kernel-source-2.4.27 - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.
Debian update for kernel-source-2.6.8 - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.
Webmail - OVH	af854a3a-2127-422b-91ae-364da2661108	www.vuq
Linux Kernel Netfilter Do_Add_Counters Local Race Condition Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.sec
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da2661108	exchang
kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE	www.ker
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.

No vendor comments have been submitted for this CVE.

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

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