



CVE-2009-4005

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2009-4005
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-11-20 02:30:01 UTC
Updated	2026-04-23 00:35:47 UTC
Description	The collect_rx_frame function in drivers/isdn/hisax/hfc_usb.c in the Linux kernel before 2.6.32-rc7 allows attackers to have a denial of service (CPU usage spike) via a crafted packet.

Risk And Classification

Primary CVSS: v2.0 7.2 from nvd@nist.gov

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

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.6.0	All	All	All

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Operating System	Linux	Linux Kernel	2.6.31.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.31.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.32	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.9	All	All	All
Operating System	Linux	Linux Kernel	All	rc6	All	All

Vendor Declared Affected Products

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

References

Reference	Source	Link
Debian -- Security Information -- DSA-2005-1 linux-2.6.24	af854a3a-2127-422b-91ae-364da2661108	www.c
Repository / Oval Repository	af854a3a-2127-422b-91ae-364da2661108	oval.ci
SUSE update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	af854a3a-2127-422b-91ae-364da2661108	secun
Support / Security / Advisories / / MDVSA-2010:030 Mandriva	af854a3a-2127-422b-91ae-364da2661108	www.r
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da2661108	excha
404: File not found	af854a3a-2127-422b-91ae-364da2661108	www.k
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364da2661108	lists.oj
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Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-364da2661108	www.v
USN-864-1: Linux kernel vulnerabilities Ubuntu	af854a3a-2127-422b-91ae-364da2661108	www.u
Fedora update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	af854a3a-2127-422b-91ae-364da2661108	secun
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kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.ker
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[SECURITY] Fedora 10 Update: kernel-2.6.27.41-170.2.117.fc10	af854a3a-2127-422b-91ae-364da2661108	www.r
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364da2661108	lists.o
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Linux Kernel 'hfc_usb.c' Local Privilege Escalation Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.s
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364da2661108	lists.o
kernel/git/torvalds/linux.git - Linux kernel source tree	MITRE	git.ker
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.ni

Vendor Comments And Credit			
Organization	Published	Contributor	Statement
Red Hat	2010-02-04	Tomas Hoger	The Linux kernel as shipped with Red Hat Enterprise Linux 3, 5, and Red Hat Enterprise MRG

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