CVE-2006-0454

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Summary

CVE	CVE-2006-0454
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2006-02-07 18:06:00 UTC
Updated	2025-04-03 01:03:51 UTC
Description	Linux kernel before 2.6.15.3 down to 2.6.12, while constructing an ICMP response in icmp_send, does not properly handle

Risk And Classification

Primary CVSS: v2.0 5 from nvd@nist.gov

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

EPSS: 0.099110000 probability, percentile 0.930210000 (date 2026-04-16)

Problem Types: CWE-399 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language

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	2.6.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.13.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.14.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.4	All	All	All

Operating System	Linux	Linux Kernel	2.6.14.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.2	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source	Link
Fedora update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.com
Advisories - Mandriva Linux	af854a3a-2127-422b-91ae-364da2661108	www.mandriva.com
Linux Kernel ICMP Error Handling Denial of Service - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.com
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da2661108	exchange.xforce.ib
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108	www.securityfocus.
usn/usn-250-1 - Ubuntu: Linux for human beings	af854a3a-2127-422b-91ae-364da2661108	www.ubuntu.com
www.trustix.org/errata/2006/0006	af854a3a-2127-422b-91ae-364da2661108	www.trustix.org
'Re: Linux 2.6.15.3' - MARC	af854a3a-2127-422b-91ae-364da2661108	marc.info
[Dailydave] Fun with Linux (2.6.12 -> 2.6.15.2)	af854a3a-2127-422b-91ae-364da2661108	lists.immunitysec.c
[SECURITY] Fedora Core 4 Update: kernel-2.6.15-1.1831_FC4	af854a3a-2127-422b-91ae-364da2661108	www.redhat.com
404: File not found	af854a3a-2127-422b-91ae-364da2661108	www.kernel.org
Trustix update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.com
Security Announcement	af854a3a-2127-422b-91ae-364da2661108	www.novell.com
'Linux 2.6.15.3' - MARC	af854a3a-2127-422b-91ae-364da2661108	marc.info
Webmail - OVH	af854a3a-2127-422b-91ae-364da2661108	www.vupen.com
Ubuntu update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.com
Linux Kernel ICMP_Send Remote Denial Of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.securityfocus.
SUSE update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Organization	Published	Contributor	Statement

Organization	Published	Contributor	Statement
Red Hat	2006-09-17	Mark J Cox	Not vulnerable. This vulnerability was introduced into the Linux kernel in version 2.6.12 and there

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**