CVE-2010-1188

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

Summary

CVE	CVE-2010-1188
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-03-31 18:00:00 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Use-after-free vulnerability in net/ipv4/tcp_input.c in the Linux kernel 2.6 before 2.6.20, when IPV6_RECVPKTINFO is set o

Risk And Classification

Primary CVSS: v2.0 7.1 from nvd@nist.gov

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

Problem Types: CWE-399 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

AV:N/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	2.6.0	All	All	All

Operating System	Linux	Linux Kernel	2.6.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.12	All	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	2.6.13.1	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	2.6.14.1	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	2.6.14.5	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
Operating System	Linux	Linux Kernel	2.6.15.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.21	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.22	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.24	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.26	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.27	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.28	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.29	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.30	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.31	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.32	All	All	All

Operating System	Linux	Linux Kernel	2.6.16.33	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.34	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.35	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.36	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.37	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.38	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.39	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.40	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.41	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.42	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.43	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.44	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.45	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.46	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.47	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.48	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.49	All	All	All
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Operating System	Linux	Linux Kernel	2.6.16.50	All	All	All
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Operating System	Linux	Linux Kernel	2.6.16.59	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.60	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.61	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.62	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.16.8	All	All	All

Operating System	Linux	Linux Kernel	2.6.16.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.17.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.18.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.6	All	All	All

Operating System	Linux	Linux Kernel	2.6.18.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.19.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.2	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
Support	af854a3a-21
ASA-2010-146 (RHSA-2010-0394 RHSA-2010-0424)	af854a3a-21
Red Hat update for kernel - Secunia.com	af854a3a-21
Support	af854a3a-21
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-21
404: File not found	af854a3a-21
oss-security - CVE request: kernel: ipv6: skb is unexpectedly freed (remote DoS)	af854a3a-21
Support	af854a3a-21
Support	af854a3a-21
Linux Kernel 'tcp_rcv_state_process()' Remote Denial of Service Vulnerability	af854a3a-21
VMSA-2011-0009.3	af854a3a-21
Support	af854a3a-21
Repository / Oval Repository	af854a3a-21
SecurityTracker.com Archives - Linux Kernel Use-After-Free Flaw in tcp_v6_conn_request() Lets Remote Users Deny Service	af854a3a-21
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2010-04-09	Vincent Danen	Red Hat is aware of this issue and is tracking it via the following bug: https://bugzilla.redhat.co

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