



CVE-2013-7270

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2013-7270
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-01-06 16:55:09 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The packet_recvmmsg function in net/packet/af_packet.c in the Linux kernel before 3.12.4 updates a certain length value bef

Risk And Classification

Primary CVSS: v2.0 4.9 from nvd@nist.gov

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

EPSS: 0.000460000 probability, percentile 0.138690000 (date 2026-04-30)

Problem Types: CWE-20 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
------	--------	---------	---------	--------	---------	----------

Operating System	Linux	Linux Kernel	3.0	rc1	All	All
Operating System	Linux	Linux Kernel	3.0	rc2	All	All
Operating System	Linux	Linux Kernel	3.0	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc4	All	All
Operating System	Linux	Linux Kernel	3.0	rc5	All	All
Operating System	Linux	Linux Kernel	3.0	rc6	All	All
Operating System	Linux	Linux Kernel	3.0	rc7	All	All
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All
Operating System	Linux	Linux Kernel	3.0.15	All	All	All
Operating System	Linux	Linux Kernel	3.0.16	All	All	All
Operating System	Linux	Linux Kernel	3.0.17	All	All	All
Operating System	Linux	Linux Kernel	3.0.18	All	All	All
Operating System	Linux	Linux Kernel	3.0.19	All	All	All
Operating System	Linux	Linux Kernel	3.0.2	All	All	All
Operating System	Linux	Linux Kernel	3.0.20	All	All	All
Operating System	Linux	Linux Kernel	3.0.21	All	All	All
Operating System	Linux	Linux Kernel	3.0.22	All	All	All
Operating System	Linux	Linux Kernel	3.0.23	All	All	All
Operating System	Linux	Linux Kernel	3.0.24	All	All	All
Operating System	Linux	Linux Kernel	3.0.25	All	All	All
Operating System	Linux	Linux Kernel	3.0.26	All	All	All
Operating System	Linux	Linux Kernel	3.0.27	All	All	All
Operating System	Linux	Linux Kernel	3.0.28	All	All	All
Operating System	Linux	Linux Kernel	3.0.29	All	All	All
Operating System	Linux	Linux Kernel	3.0.3	All	All	All
Operating System	Linux	Linux Kernel	3.0.30	All	All	All
Operating System	Linux	Linux Kernel	3.0.31	All	All	All
Operating System	Linux	Linux Kernel	3.0.32	All	All	All
Operating System	Linux	Linux Kernel	3.0.33	All	All	All
Operating System	Linux	Linux Kernel	3.0.34	All	All	All
Operating System	Linux	Linux Kernel	3.0.35	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	3.0.68	All	All	All
Operating System	Linux	Linux Kernel	3.0.7	All	All	All
Operating System	Linux	Linux Kernel	3.0.8	All	All	All
Operating System	Linux	Linux Kernel	3.0.9	All	All	All
Operating System	Linux	Linux Kernel	3.1	All	All	All
Operating System	Linux	Linux Kernel	3.1	rc1	All	All
Operating System	Linux	Linux Kernel	3.1	rc2	All	All
Operating System	Linux	Linux Kernel	3.1	rc3	All	All
Operating System	Linux	Linux Kernel	3.1	rc4	All	All
Operating System	Linux	Linux Kernel	3.1.1	All	All	All
Operating System	Linux	Linux Kernel	3.1.10	All	All	All
Operating System	Linux	Linux Kernel	3.1.2	All	All	All
Operating System	Linux	Linux Kernel	3.1.3	All	All	All
Operating System	Linux	Linux Kernel	3.1.4	All	All	All
Operating System	Linux	Linux Kernel	3.1.5	All	All	All
Operating System	Linux	Linux Kernel	3.1.6	All	All	All
Operating System	Linux	Linux Kernel	3.1.7	All	All	All
Operating System	Linux	Linux Kernel	3.1.8	All	All	All
Operating System	Linux	Linux Kernel	3.1.9	All	All	All
Operating System	Linux	Linux Kernel	3.10.1	All	All	All
Operating System	Linux	Linux Kernel	3.10.10	All	All	All
Operating System	Linux	Linux Kernel	3.10.11	All	All	All
Operating System	Linux	Linux Kernel	3.10.12	All	All	All
Operating System	Linux	Linux Kernel	3.10.13	All	All	All
Operating System	Linux	Linux Kernel	3.10.14	All	All	All
Operating System	Linux	Linux Kernel	3.10.15	All	All	All
Operating System	Linux	Linux Kernel	3.10.16	All	All	All
Operating System	Linux	Linux Kernel	3.10.17	All	All	All
Operating System	Linux	Linux Kernel	3.10.18	All	All	All
Operating System	Linux	Linux Kernel	3.10.19	All	All	All
Operating System	Linux	Linux Kernel	3.10.2	All	All	All
Operating System	Linux	Linux Kernel	3.10.20	All	All	All
Operating System	Linux	Linux Kernel	3.10.21	All	All	All
Operating System	Linux	Linux Kernel	3.10.22	All	All	All
Operating System	Linux	Linux Kernel	3.10.23	All	All	All

Operating System	Linux	Linux Kernel	3.10.3	All	All	All
Operating System	Linux	Linux Kernel	3.10.4	All	All	All
Operating System	Linux	Linux Kernel	3.10.5	All	All	All
Operating System	Linux	Linux Kernel	3.10.6	All	All	All
Operating System	Linux	Linux Kernel	3.10.7	All	All	All
Operating System	Linux	Linux Kernel	3.10.8	All	All	All
Operating System	Linux	Linux Kernel	3.10.9	All	All	All
Operating System	Linux	Linux Kernel	3.11	All	All	All
Operating System	Linux	Linux Kernel	3.11.1	All	All	All
Operating System	Linux	Linux Kernel	3.11.10	All	All	All
Operating System	Linux	Linux Kernel	3.11.2	All	All	All
Operating System	Linux	Linux Kernel	3.11.3	All	All	All
Operating System	Linux	Linux Kernel	3.11.4	All	All	All
Operating System	Linux	Linux Kernel	3.11.5	All	All	All
Operating System	Linux	Linux Kernel	3.11.6	All	All	All
Operating System	Linux	Linux Kernel	3.11.7	All	All	All
Operating System	Linux	Linux Kernel	3.11.8	All	All	All
Operating System	Linux	Linux Kernel	3.11.9	All	All	All
Operating System	Linux	Linux Kernel	3.12	All	All	All
Operating System	Linux	Linux Kernel	3.12.1	All	All	All
Operating System	Linux	Linux Kernel	3.12.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	All	All	All
Operating System	Linux	Linux Kernel	3.2	rc2	All	All
Operating System	Linux	Linux Kernel	3.2	rc3	All	All
Operating System	Linux	Linux Kernel	3.2	rc4	All	All
Operating System	Linux	Linux Kernel	3.2	rc5	All	All
Operating System	Linux	Linux Kernel	3.2	rc6	All	All
Operating System	Linux	Linux Kernel	3.2	rc7	All	All
Operating System	Linux	Linux Kernel	3.2.1	All	All	All
Operating System	Linux	Linux Kernel	3.2.10	All	All	All
Operating System	Linux	Linux Kernel	3.2.11	All	All	All
Operating System	Linux	Linux Kernel	3.2.12	All	All	All
Operating System	Linux	Linux Kernel	3.2.13	All	All	All
Operating System	Linux	Linux Kernel	3.2.14	All	All	All
Operating System	Linux	Linux Kernel	3.2.15	All	All	All
Operating System	Linux	Linux Kernel	3.2.16	All	All	All

Operating System	Linux	Linux Kernel	3.2.17	All	All	All
Operating System	Linux	Linux Kernel	3.2.17	All	All	All
Operating System	Linux	Linux Kernel	3.2.18	All	All	All
Operating System	Linux	Linux Kernel	3.2.19	All	All	All
Operating System	Linux	Linux Kernel	3.2.2	All	All	All
Operating System	Linux	Linux Kernel	3.2.20	All	All	All
Operating System	Linux	Linux Kernel	3.2.21	All	All	All
Operating System	Linux	Linux Kernel	3.2.22	All	All	All
Operating System	Linux	Linux Kernel	3.2.23	All	All	All
Operating System	Linux	Linux Kernel	3.2.24	All	All	All
Operating System	Linux	Linux Kernel	3.2.25	All	All	All
Operating System	Linux	Linux Kernel	3.2.26	All	All	All
Operating System	Linux	Linux Kernel	3.2.27	All	All	All
Operating System	Linux	Linux Kernel	3.2.28	All	All	All
Operating System	Linux	Linux Kernel	3.2.29	All	All	All
Operating System	Linux	Linux Kernel	3.2.3	All	All	All
Operating System	Linux	Linux Kernel	3.2.30	All	All	All
Operating System	Linux	Linux Kernel	3.2.4	All	All	All
Operating System	Linux	Linux Kernel	3.2.5	All	All	All
Operating System	Linux	Linux Kernel	3.2.6	All	All	All
Operating System	Linux	Linux Kernel	3.2.7	All	All	All
Operating System	Linux	Linux Kernel	3.2.8	All	All	All
Operating System	Linux	Linux Kernel	3.2.9	All	All	All
Operating System	Linux	Linux Kernel	3.3	All	All	All
Operating System	Linux	Linux Kernel	3.3	rc1	All	All
Operating System	Linux	Linux Kernel	3.3	rc2	All	All
Operating System	Linux	Linux Kernel	3.3	rc3	All	All
Operating System	Linux	Linux Kernel	3.3	rc4	All	All
Operating System	Linux	Linux Kernel	3.3	rc5	All	All
Operating System	Linux	Linux Kernel	3.3	rc6	All	All
Operating System	Linux	Linux Kernel	3.3	rc7	All	All
Operating System	Linux	Linux Kernel	3.3.1	All	All	All
Operating System	Linux	Linux Kernel	3.3.2	All	All	All
Operating System	Linux	Linux Kernel	3.3.3	All	All	All
Operating System	Linux	Linux Kernel	3.3.4	All	All	All
Operating System	Linux	Linux Kernel	3.3.5	All	All	All

Operating System	Linux	Linux Kernel	3.3.6	All	All	All
Operating System	Linux	Linux Kernel	3.3.7	All	All	All
Operating System	Linux	Linux Kernel	3.3.8	All	All	All
Operating System	Linux	Linux Kernel	3.4	All	All	All
Operating System	Linux	Linux Kernel	3.4	rc1	All	All
Operating System	Linux	Linux Kernel	3.4	rc2	All	All
Operating System	Linux	Linux Kernel	3.4	rc3	All	All
Operating System	Linux	Linux Kernel	3.4	rc4	All	All
Operating System	Linux	Linux Kernel	3.4	rc5	All	All
Operating System	Linux	Linux Kernel	3.4	rc6	All	All
Operating System	Linux	Linux Kernel	3.4	rc7	All	All
Operating System	Linux	Linux Kernel	3.4.1	All	All	All
Operating System	Linux	Linux Kernel	3.4.10	All	All	All
Operating System	Linux	Linux Kernel	3.4.11	All	All	All
Operating System	Linux	Linux Kernel	3.4.12	All	All	All
Operating System	Linux	Linux Kernel	3.4.13	All	All	All
Operating System	Linux	Linux Kernel	3.4.14	All	All	All
Operating System	Linux	Linux Kernel	3.4.15	All	All	All
Operating System	Linux	Linux Kernel	3.4.16	All	All	All
Operating System	Linux	Linux Kernel	3.4.17	All	All	All
Operating System	Linux	Linux Kernel	3.4.18	All	All	All
Operating System	Linux	Linux Kernel	3.4.19	All	All	All
Operating System	Linux	Linux Kernel	3.4.2	All	All	All
Operating System	Linux	Linux Kernel	3.4.20	All	All	All
Operating System	Linux	Linux Kernel	3.4.21	All	All	All
Operating System	Linux	Linux Kernel	3.4.22	All	All	All
Operating System	Linux	Linux Kernel	3.4.23	All	All	All
Operating System	Linux	Linux Kernel	3.4.24	All	All	All
Operating System	Linux	Linux Kernel	3.4.25	All	All	All
Operating System	Linux	Linux Kernel	3.4.26	All	All	All
Operating System	Linux	Linux Kernel	3.4.27	All	All	All
Operating System	Linux	Linux Kernel	3.4.28	All	All	All
Operating System	Linux	Linux Kernel	3.4.29	All	All	All
Operating System	Linux	Linux Kernel	3.4.3	All	All	All
Operating System	Linux	Linux Kernel	3.4.30	All	All	All

Operating System	Linux	Linux Kernel	3.4.31	All	All	All
Operating System	Linux	Linux Kernel	3.4.32	All	All	All
Operating System	Linux	Linux Kernel	3.4.4	All	All	All
Operating System	Linux	Linux Kernel	3.4.5	All	All	All
Operating System	Linux	Linux Kernel	3.4.6	All	All	All
Operating System	Linux	Linux Kernel	3.4.7	All	All	All
Operating System	Linux	Linux Kernel	3.4.8	All	All	All
Operating System	Linux	Linux Kernel	3.4.9	All	All	All
Operating System	Linux	Linux Kernel	3.5.1	All	All	All
Operating System	Linux	Linux Kernel	3.5.2	All	All	All
Operating System	Linux	Linux Kernel	3.5.3	All	All	All
Operating System	Linux	Linux Kernel	3.5.4	All	All	All
Operating System	Linux	Linux Kernel	3.5.5	All	All	All
Operating System	Linux	Linux Kernel	3.5.6	All	All	All
Operating System	Linux	Linux Kernel	3.5.7	All	All	All
Operating System	Linux	Linux Kernel	3.6	All	All	All
Operating System	Linux	Linux Kernel	3.6.1	All	All	All
Operating System	Linux	Linux Kernel	3.6.10	All	All	All
Operating System	Linux	Linux Kernel	3.6.11	All	All	All
Operating System	Linux	Linux Kernel	3.6.2	All	All	All
Operating System	Linux	Linux Kernel	3.6.3	All	All	All
Operating System	Linux	Linux Kernel	3.6.4	All	All	All
Operating System	Linux	Linux Kernel	3.6.5	All	All	All
Operating System	Linux	Linux Kernel	3.6.6	All	All	All
Operating System	Linux	Linux Kernel	3.6.7	All	All	All
Operating System	Linux	Linux Kernel	3.6.8	All	All	All
Operating System	Linux	Linux Kernel	3.6.9	All	All	All
Operating System	Linux	Linux Kernel	3.7	All	All	All
Operating System	Linux	Linux Kernel	3.7.1	All	All	All
Operating System	Linux	Linux Kernel	3.7.10	All	All	All
Operating System	Linux	Linux Kernel	3.7.2	All	All	All
Operating System	Linux	Linux Kernel	3.7.3	All	All	All
Operating System	Linux	Linux Kernel	3.7.4	All	All	All
Operating System	Linux	Linux Kernel	3.7.5	All	All	All
Operating System	Linux	Linux Kernel	3.7.6	All	All	All
Operating Svstem	Linux	Linux Kernel	3.7.7	All	All	All

Operating System	Linux	Linux Kernel	3.7.8	All	All	All
Operating System	Linux	Linux Kernel	3.7.9	All	All	All
Operating System	Linux	Linux Kernel	3.8.0	All	All	All
Operating System	Linux	Linux Kernel	3.8.1	All	All	All
Operating System	Linux	Linux Kernel	3.8.10	All	All	All
Operating System	Linux	Linux Kernel	3.8.11	All	All	All
Operating System	Linux	Linux Kernel	3.8.12	All	All	All
Operating System	Linux	Linux Kernel	3.8.13	All	All	All
Operating System	Linux	Linux Kernel	3.8.2	All	All	All
Operating System	Linux	Linux Kernel	3.8.3	All	All	All
Operating System	Linux	Linux Kernel	3.8.4	All	All	All
Operating System	Linux	Linux Kernel	3.8.5	All	All	All
Operating System	Linux	Linux Kernel	3.8.6	All	All	All
Operating System	Linux	Linux Kernel	3.8.7	All	All	All
Operating System	Linux	Linux Kernel	3.8.8	All	All	All
Operating System	Linux	Linux Kernel	3.8.9	All	All	All
Operating System	Linux	Linux Kernel	3.9	rc1	All	All
Operating System	Linux	Linux Kernel	3.9	rc2	All	All
Operating System	Linux	Linux Kernel	3.9	rc3	All	All
Operating System	Linux	Linux Kernel	3.9	rc4	All	All
Operating System	Linux	Linux Kernel	3.9	rc5	All	All
Operating System	Linux	Linux Kernel	3.9	rc6	All	All
Operating System	Linux	Linux Kernel	3.9	rc7	All	All
Operating System	Linux	Linux Kernel	3.9.0	All	All	All
Operating System	Linux	Linux Kernel	3.9.1	All	All	All
Operating System	Linux	Linux Kernel	3.9.10	All	All	All
Operating System	Linux	Linux Kernel	3.9.11	All	All	All
Operating System	Linux	Linux Kernel	3.9.2	All	All	All
Operating System	Linux	Linux Kernel	3.9.3	All	All	All
Operating System	Linux	Linux Kernel	3.9.4	All	All	All
Operating System	Linux	Linux Kernel	3.9.5	All	All	All
Operating System	Linux	Linux Kernel	3.9.6	All	All	All
Operating System	Linux	Linux Kernel	3.9.7	All	All	All
Operating System	Linux	Linux Kernel	3.9.8	All	All	All
Operating System	Linux	Linux Kernel	3.9.9	All	All	All

Operating System	Linux	Linux Kernel	All	All	All	All
------------------	-------	--------------	-----	-----	-----	-----

Vendor Declared Affected Products

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

References

Reference
kernel/git/torvalds/linux.git - Linux kernel source tree
USN-2139-1: Linux kernel (OMAP4) vulnerabilities Ubuntu
USN-2135-1: Linux kernel (Quantal HWE) vulnerabilities Ubuntu
net: rework recvmsg handler msg_name and msg_namelen logic · torvalds/linux@f3d3342 · GitHub
USN-2129-1: Linux kernel (EC2) vulnerabilities Ubuntu
Linux Kernel 'net/packet/af_packet.c' Local Information Disclosure Vulnerability
Bug 1039845 – CVE-2013-7271 Kernel: net: information leak in recvmsg handler msg_name & msg_namelen logic
Security Advisory SA55882 - Linux Kernel "recvmsg()" and "recvfrom()"; Information Disclosure Weaknesses - Secunia
IBM X-Force Exchange
USN-2113-1: Linux kernel (Saucy HWE) vulnerabilities Ubuntu
USN-2136-1: Linux kernel (Raring HWE) vulnerabilities Ubuntu
USN-2128-1: Linux kernel vulnerabilities Ubuntu
USN-2141-1: Linux kernel (OMAP4) vulnerabilities Ubuntu
oss-security - Re: CVE request: Linux kernel: net: memory leak in recvmsg handlermsg_name & msg_namelen logic
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.12.4
Security Advisory SA56036 - Linux Kernel "recvmsg()" and "recvfrom()"; Information Disclosure Weaknesses - Secunia
USN-2117-1: Linux kernel vulnerabilities Ubuntu
USN-2109-1: Linux kernel vulnerabilities Ubuntu
USN-2138-1: Linux kernel vulnerabilities Ubuntu
USN-2110-1: Linux kernel (OMAP4) vulnerabilities Ubuntu
kernel/git/torvalds/linux.git - Linux kernel source tree
CVE Program record
NVD vulnerability detail



No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)