



CVE-2013-7281

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

Summary

CVE	CVE-2013-7281
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-01-08 16:55:07 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The dgram_recvmsg function in net/ieee802154/dgram.c in the Linux kernel before 3.12.4 updates a certain length value w

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: 0.000290000 probability, percentile 0.080580000 (date 2026-04-30)

Problem Types: CWE-200 | 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
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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
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Operating System	Linux	Linux Kernel	3.10.23	All	All	All

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Operating System	Linux	Linux Kernel	3.2	rc2	All	All
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Operating System	Linux	Linux Kernel	3.2	rc6	All	All
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Operating System	Linux	Linux Kernel	3.5.7	All	All	All
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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
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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
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Operating System	Linux	Linux Kernel	3.7.10	All	All	All
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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
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Operating System	Linux	Linux Kernel	3.8.3	All	All	All
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Operating System	Linux	Linux Kernel	3.9	rc6	All	All
Operating System	Linux	Linux Kernel	3.9	rc7	All	All
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Operating System	Linux	Linux Kernel	3.9.2	All	All	All
Operating System	Linux	Linux Kernel	3.9.3	All	All	All
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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				Source		
inet: prevent leakage of uninitialized memory to user in recv syscalls · torvalds/linux@bceaa90 · GitHub				af854a3a-212		
USN-2108-1: Linux kernel (EC2) vulnerabilities Ubuntu				af854a3a-212		
USN-2139-1: Linux kernel (OMAP4) vulnerabilities Ubuntu				af854a3a-212		
USN-2135-1: Linux kernel (Quantal HWE) vulnerabilities Ubuntu				af854a3a-212		
Linux Kernel 'net/ieee802154/dgram.c' Local Information Disclosure Vulnerability				af854a3a-212		
oss-security - Re: CVE Request: Linux kernel: net: uninitialised memory leakage				af854a3a-212		
kernel/git/torvalds/linux.git - Linux kernel source tree				af854a3a-212		
USN-2113-1: Linux kernel (Saucy HWE) vulnerabilities Ubuntu				af854a3a-212		
Linux Kernel dgram_recvmmsg() Lets Local Users Obtain Portions of Kernel Memory - SecurityTracker				af854a3a-212		
USN-2136-1: Linux kernel (Raring HWE) vulnerabilities Ubuntu				af854a3a-212		
USN-2107-1: Linux kernel vulnerabilities Ubuntu				af854a3a-212		
USN-2141-1: Linux kernel (OMAP4) vulnerabilities Ubuntu				af854a3a-212		
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.12.4				af854a3a-212		
IBM X-Force Exchange				af854a3a-212		
USN-2117-1: Linux kernel vulnerabilities Ubuntu				af854a3a-212		
USN-2109-1: Linux kernel vulnerabilities Ubuntu				af854a3a-212		
USN-2138-1: Linux kernel vulnerabilities Ubuntu				af854a3a-212		
USN-2110-1: Linux kernel (OMAP4) vulnerabilities Ubuntu				af854a3a-212		
Bug 1035875 – CVE-2013-7263 CVE-2013-7265 Kernel: net: leakage of uninitialized memory to user-space via recv syscalls				af854a3a-212		
kernel/git/torvalds/linux.git - Linux kernel source tree				MITRE		
CVE Program record				CVE.ORG		
NVD vulnerability detail				NVD		

No vendor comments have been submitted for this CVE.

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

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