



CVE-2009-2909

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

Summary

CVE	CVE-2009-2909
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-10-20 17:30:00 UTC
Updated	2023-02-13 02:20:00 UTC
Description	Integer signedness error in the ax25_setsockopt function in net/ax25/af_ax25.c in the ax25 subsystem in the Linux kernel b

Risk And Classification

Problem Types: CWE-189

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

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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
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Operating System	Linux	Linux Kernel	2.6.19.5	All	All	All
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Operating System	Linux	Linux Kernel	2.6.19.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.11	All	All	All
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Operating System	Linux	Linux Kernel	2.6.20.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.20.17	All	All	All

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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	2.6.17.1	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
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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
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Operating System	Linux	Linux Kernel	2.6.18	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc2	All	All
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Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	All	All
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Operating System	Linux	Linux Kernel	2.6.18.3	All	All	All
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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

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	Linux	Linux Kernel	2.6.21.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.21.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.22	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.10	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.4	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.23.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.10	All	All	All
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Operating System	Linux	Linux Kernel	2.6.23.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.2	All	All	All

Operating System	Linux	Linux Kernel	2.6.23.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.24	All	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc5	All	All
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Operating System	Linux	Linux Kernel	2.6.24.7	All	All	All
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Operating System	Linux	Linux Kernel	2.6.25.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.25.3	All	All	All

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Operating System	Linux	Linux Kernel	2.6.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.30	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.30.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.31	All	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	All	All	All

References						
Reference	Source	Link	Tags			
[SECURITY] Fedora 10 Update: kernel-2.6.27.37-170.2.104.fc10	FEDORA	www.redhat.com				
Linux Kernel 'net/ax25/af_ax25.c' Local Denial of Service Vulnerability	BID	www.securityfocus.com				
CVE-2009-2909 - Red Hat Customer Portal	MISC	access.redhat.com				
USN-864-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com				
'[oss-security] More kernel CVE info (CVE-2009-2909)' - MARC	MLIST	marc.info				
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528887 – (CVE-2009-2909) CVE-2009-2909 kernel: ax25 stack overflow	CONFIRM	bugzilla.redhat.com				
git.kernel.org	MISC	git.kernel.org				
SUSE update for kernel - Secunia Advisories - Vulnerability Information - Secunia.com	SECUNIA	secunia.com				
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org				
git.kernel.org	CONFIRM	git.kernel.org				
404: File not found	CONFIRM	www.kernel.org				
Gmane -- Mail To News And Back Again	MLIST	article.gmane.org	Patch			

[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a
Vendor Comments And Credit			
Organization	Published	Contributor	Statement
Red Hat	2009-10-22	Tomas Hoger	This issue did not affect the versions of Linux kernel as shipped with Red Hat Enterprise Linux
There are currently no legacy QID mappings associated with this CVE.			