



# CVE-2010-2959

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

## Summary

<b>CVE</b>	CVE-2010-2959
<b>State</b>	PUBLIC
<b>Assigner</b>	security@ubuntu.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2010-09-08 20:00:00 UTC
<b>Updated</b>	2023-11-07 02:05:00 UTC
<b>Description</b>	Integer overflow in net/can/bcm.c in the Controller Area Network (CAN) implementation in the Linux kernel before 2.6.27.53

## Risk And Classification

**Problem Types:** CWE-190

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	5.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	5.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	12	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	12	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Opensuse</a>	11.3	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Opensuse</a>	11.3	All	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise Desktop</a>	11	sp1	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise Desktop</a>	11	sp1	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise High Availability Extension</a>	11	sp1	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise High Availability Extension</a>	11	sp1	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise Real Time</a>	11	sp1	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise Real Time</a>	11	sp1	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise Server</a>	11	sp1	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise Server</a>	11	sp1	All	All

## References

Reference	Source	Link
[security-announce] SUSE Security Announcement: Realtime Linux Kernel (S	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
Bug 625699 – CVE-2010-2959 kernel: can: add limit for nframes and clean up signed/unsigned variables	CONFIRM	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>
oss-security - CVE-2010-2959 kernel: can: add limit for nframes and clean up signed/unsigned variables	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	<a href="http://www.vupen.com">www.vupen.com</a>
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	<a href="https://git.kernel.org">git.kernel.org</a>
404: File not found	CONFIRM	<a href="http://www.kernel.org">www.kernel.org</a>
404: File not found	CONFIRM	<a href="http://www.kernel.org">www.kernel.org</a>
<a href="http://jon.oberheide.org/files/i-can-haz-modharden.c">jon.oberheide.org/files/i-can-haz-modharden.c</a>	MISC	<a href="http://jon.oberheide.org">jon.oberheide.org</a>
404: File not found	CONFIRM	<a href="http://www.kernel.org">www.kernel.org</a>
Support / Security / Advisories // MDVSA-2010:198   Mandriva	MANDRIVA	<a href="http://www.mandriva.com">www.mandriva.com</a>
404: File not found	CONFIRM	<a href="http://www.kernel.org">www.kernel.org</a>
SUSE update for kernel - Secunia.com	SECUNIA	<a href="http://secunia.com">secunia.com</a>
kernel/git/torvalds/linux.git - Linux kernel source tree		<a href="https://git.kernel.org">git.kernel.org</a>
[SECURITY] Fedora 12 Update: kernel-2.6.32.21-166.fc12	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
Debian -- Security Information -- DSA-2094-1 linux-2.6	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	<a href="http://www.vupen.com">www.vupen.com</a>
Linux Kernel Controller Area Network Protocol Local Privilege Escalation Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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