CVE-2011-4594

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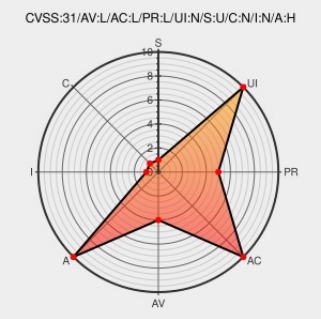

Certain versions of Linux Kernel from Linux contain the following vulnerability:

The __sys_sendmsg function in net/socket.c in the Linux kernel before 3.1 allows local users to cause a denial of service (system crash) via crafted use of the sendmmsg system call, leading to an incorrect pointer dereference.

CVE-2011-4594 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 4.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
	Mailing List Patch Vendor Advisory www.kernel.org text/plain	CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.1

Bug 761646 – CVE-2011-4594 kernel: send(m)msg: user pointer dereferences	Issue Tracking Patch Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=761646
oss-security - Re: CVE Request -- kernel: send(m)msg: user pointer dereferences	Mailing List Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20111208 Re: CVE Request -- kernel: send(m)msg: user pointer dereferences
kernel/git/torvalds/linux.git - Linux kernel source tree	web.archive.org text/html Inactive Link Not Archived	MISC git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git%3Ba=commit%3Bh=bc909d9ddbf7778371e36a651d6e4194b1cc7d4c
sendmmsg/sendmsg: fix unsafe user pointer access · torvalds/linux@bc909d9 · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/torvalds/linux/commit/bc909d9ddbf7778371e36a651d6e4194b1cc7d4c

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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