

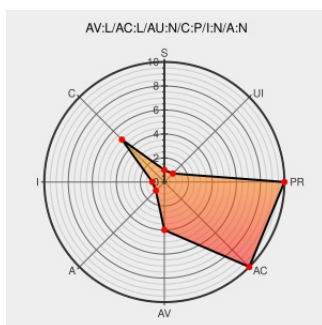


CVE-2012-3430

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CVE-2012-3430

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

The `rds_recvmsg` function in `net/rds/recv.c` in the Linux kernel before 3.0.44 does not initialize a certain structure member, which allows local users to obtain potentially sensitive information from kernel stack memory via a (1) `recvfrom` or (2) `recvmsg` system call on an RDS socket.

CVE-2012-3430 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **2.1 - LOW**

Access Vector

LOCAL

Access Complexity

LOW

Authentication

NONE

Confidentiality Impact

PARTIAL

Integrity Impact

NONE

Availability Impact

NONE

CVE References

Description

Tags

Link

USN-1579-1: Linux kernel vulnerabilities | Ubuntu

[www.ubuntu.com](http://www.ubuntu.com/text/html)
[text/html](#)

[UBUNTU USN-1579-1](#)

USN-1567-1: Linux kernel vulnerabilities | Ubuntu

[www.ubuntu.com](http://www.ubuntu.com/text/html)
[text/html](#)

[UBUNTU USN-1567-1](#)

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oss-security - Re: CVE Request -- kernel: `recv{from,msg}()` on an rds socket can leak kernel memory

[www.openwall.com](http://www.openwall.com/text/html)
[text/html](#)

[MLIST \[oss-security\] 20120726 Re: CVE Request -- kernel: `recv{from,msg}\(\)` on an rds socket can leak kernel memory](#)

820039 – (CVE-2012-3430) CVE-2012-3430 kernel: recv{from,msg}() on an rds socket can leak kernel memory	bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=820039
Security Advisory SA50633 - Ubuntu update for kernel - Secunia	web.archive.org text/html	 SECUNIA 50633
USN-1580-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1580-1
USN-1578-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1578-1
	www.kernel.org text/plain	 CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.0.44
USN-1575-1: Linux kernel (Oneiric backport) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1575-1
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	 REDHAT RHSA-2012:1323
SUSE-SU-2012:1679-1	www.suse.com text/html	 SUSE SUSE-SU-2012:1679
Security Alerts - Secunia	web.archive.org text/html	 SECUNIA 50732
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch 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=06b6a1cf6e776426766298d055bb3991957d90a7
USN-1568-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1568-1
rds: set correct msg_namelen · torvalds/linux@06b6a1c · GitHub	Exploit github.com text/html	 CONFIRM github.com/torvalds/linux/commit/06b6a1cf6e776426766298d055bb3991957d90a7
USN-1572-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1572-1
USN-1577-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1577-1
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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	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
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Operating System	Linux	Linux Kernel	3.0.38	All	All	All
Operating System	Linux	Linux Kernel	3.0.39	All	All	All
Operating System	Linux	Linux Kernel	3.0.4	All	All	All
Operating System	Linux	Linux Kernel	3.0.40	All	All	All
Operating System	Linux	Linux Kernel	3.0.41	All	All	All
Operating System	Linux	Linux Kernel	3.0.42	All	All	All
Operating System	Linux	Linux Kernel	3.0.5	All	All	All
Operating System	Linux	Linux Kernel	3.0.6	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	3.0.1	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
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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
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Operating System	Linux	Linux Kernel	3.0.41	All	All	All
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cpe:2.3:o:linux:linux_kernel:3.0.7:*****:
cpe:2.3:o:linux:linux_kernel:3.0.8:*****:
cpe:2.3:o:linux:linux_kernel:3.0.9:*****:
cpe:2.3:o:linux:linux_kernel:*****:

No vendor comments have been submitted for this CVE

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