

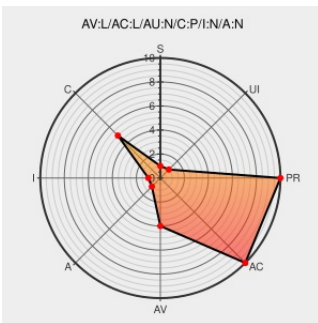


CVE-2013-2141

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CVE-2013-2141

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

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

The `do_tkill` function in `kernel/signal.c` in the Linux kernel before 3.8.9 does not initialize a certain data structure, which allows local users to obtain sensitive information from kernel memory via a crafted application that makes a (1) `tkill` or (2) `tkill` system call.

CVE-2013-2141 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

Red Hat Customer Portal

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Inactive Link

Not Archived

[REDHAT RHSA-2013:1801](#)

kernel/signal.c: stop info leak via the `tkill` and the `tkill` syscalls · [torvalds/linux@b9e146d](#) · GitHub

[Exploit](#)

[Patch](#)

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[github.com/torvalds/linux/commit/b9e146d8eb3b9ecae5086d373b50fa0c1f3e7f0f](#)

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kernel/git/torvalds/linux.git - Linux kernel source tree	Exploit 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=b9e146d8eb3b9ecae5086d373b50fa0c1f3e7f0f
	www.kernel.org text/plain	 CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.8.9
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USN-1900-1: Linux kernel (EC2) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1900-1
USN-1899-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1899-1
Support / Security / Advisories // MDVSA- 2013:176 Mandriva	www.mandriva.com text/html	 MANDRIVA MDVSA-2013:176
oss-security - Re: CVE Request: kernel info leak in tkill/tgkill	www.openwall.com text/html	 MLIST [oss-security] 20130604 Re: CVE Request: kernel info leak in tkill/tgkill
Bug 970873 – CVE-2013- 2141 Kernel: signal: information leak in tkill/tgkill	bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=970873
openSUSE-SU-2013:1971- 1: moderate: kernel: security and bugfix update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2013:1971
Debian -- Security Information -- DSA-2766-1 linux-2.6	www.debian.org Deprecated Link text/html	 DEBIAN DSA-2766

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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	3.8.0	All	All	All
Operating System	Linux	Linux Kernel	3.8.1	All	All	All
Operating System	Linux	Linux Kernel	3.8.2	All	All	All

Operating System	Linux	Linux Kernel	3.8.3	All	All	All
Operating System	Linux	Linux Kernel	3.8.4	All	All	All
Operating System	Linux	Linux Kernel	3.8.5	All	All	All
Operating System	Linux	Linux Kernel	3.8.6	All	All	All
Operating System	Linux	Linux Kernel	3.8.7	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
Operating System	Linux	Linux Kernel	3.8.2	All	All	All
Operating System	Linux	Linux Kernel	3.8.3	All	All	All
Operating System	Linux	Linux Kernel	3.8.4	All	All	All
Operating System	Linux	Linux Kernel	3.8.5	All	All	All
Operating System	Linux	Linux Kernel	3.8.6	All	All	All
Operating System	Linux	Linux Kernel	3.8.7	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:linux:linux_kernel:3.8.0:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.1:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.2:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.3:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.4:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.5:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.6:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.7:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.0:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.1:*****:						
cpe:2.3:o:linux:linux_kernel:3.8.2:*****:						

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cpe:2.3:o:linux:linux_kernel:3.8.4:*****:*
cpe:2.3:o:linux:linux_kernel:3.8.5:*****:*
cpe:2.3:o:linux:linux_kernel:3.8.6:*****:*
cpe:2.3:o:linux:linux_kernel:3.8.7:*****:*
cpe:2.3:o:linux:linux_kernel:*****:*

No vendor comments have been submitted for this CVE

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