

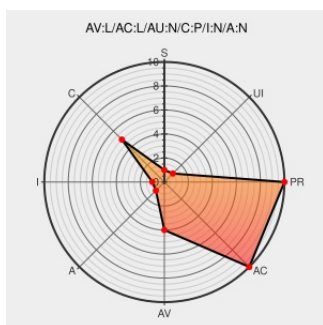


CVE-2013-2148

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CVE-2013-2148

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

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

The `fill_event_metadata` function in `fs/notify/fanotify/fanotify_user.c` in the Linux kernel through 3.9.4 does not initialize a certain structure member, which allows local users to obtain sensitive information from kernel memory via a read operation on the fanotify descriptor.

CVE-2013-2148 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-1929-1: Linux kernel vulnerability | Ubuntu

www.ubuntu.com
text/html

[UBUNTU USN-1929-1](#)

Bug 971258 – CVE-2013-2148 Kernel: fanotify: info leak in copy_event_to_user

bugzilla.redhat.com
text/html

[CONFIRM bugzilla.redhat.com/show_bug.cgi?id=971258](https://bugzilla.redhat.com/show_bug.cgi?id=971258)

Red Hat Customer Portal

access.redhat.com
text/html

MISC access.redhat.com/errata/RHSA-2013:1264

[security-announce] SUSE-SU-2013:1473-1: important: Security update for

lists.opensuse.org
text/html

[SUSE SUSE-SU-2013:1473](#)

oss-security - Re: CVE Request: Linux kernel: fanotify: info leak in copy_event_to_user

www.openwall.com
text/html

[MLIST \[oss-security\] 20130605 Re: CVE Request: Linux kernel: fanotify: info leak in copy_event_to_user](#)

USN-1930-1: Linux kernel (OMAP4) vulnerabilities | Ubuntu

www.ubuntu.com
text/html

[UBUNTU USN-1930-1](#)

[security-announce] SUSE-SU-2013:1474-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2013:1474
openSUSE-SU-2013:1971-1: moderate: kernel: security and bugfix update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2013:1971
LKML: Dan Carpenter: [patch] fanotify: info leak in copy_event_to_user()	lkml.org text/xml	 MLIST [linux-kernel] 20130603 [patch] fanotify: info leak in copy_event_to_user()
CVE-2013-2148 - Red Hat Customer Portal	access.redhat.com text/html	 MISC access.redhat.com/security/cve/CVE-2013-2148

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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	3.9	rc1	All	All
Operating System	Linux	Linux Kernel	3.9	rc2	All	All
Operating System	Linux	Linux Kernel	3.9	rc3	All	All
Operating System	Linux	Linux Kernel	3.9	rc4	All	All
Operating System	Linux	Linux Kernel	3.9	rc5	All	All
Operating System	Linux	Linux Kernel	3.9	rc6	All	All
Operating System	Linux	Linux Kernel	3.9	rc7	All	All
Operating System	Linux	Linux Kernel	3.9.0	All	All	All
Operating System	Linux	Linux Kernel	3.9.1	All	All	All
Operating System	Linux	Linux Kernel	3.9.2	All	All	All
Operating System	Linux	Linux Kernel	3.9.3	All	All	All
Operating System	Linux	Linux Kernel	3.9	rc1	All	All
Operating System	Linux	Linux Kernel	3.9	rc2	All	All
Operating System	Linux	Linux Kernel	3.9	rc3	All	All

Operating System	Linux	Linux Kernel	3.9	rc4	All	All
Operating System	Linux	Linux Kernel	3.9	rc5	All	All
Operating System	Linux	Linux Kernel	3.9	rc6	All	All
Operating System	Linux	Linux Kernel	3.9	rc7	All	All
Operating System	Linux	Linux Kernel	3.9.0	All	All	All
Operating System	Linux	Linux Kernel	3.9.1	All	All	All
Operating System	Linux	Linux Kernel	3.9.2	All	All	All
Operating System	Linux	Linux Kernel	3.9.3	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:linux:linux_kernel:3.9:rc1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc2:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc3:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc4:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc5:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc6:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc7:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9.0:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9.1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9.2:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9.3:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc1:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc2:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc3:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc4:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc5:*:*:*:*:*:						
cpe:2.3:o:linux:linux_kernel:3.9:rc6:*:*:*:*:*:						

cpe:2.3:o:linux:linux_kernel:3.9:rc7:*****:
cpe:2.3:o:linux:linux_kernel:3.9.0:*****:
cpe:2.3:o:linux:linux_kernel:3.9.1:*****:
cpe:2.3:o:linux:linux_kernel:3.9.2:*****:
cpe:2.3:o:linux:linux_kernel:3.9.3:*****:
cpe:2.3:o:linux:linux_kernel:*****:

No vendor comments have been submitted for this CVE

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