

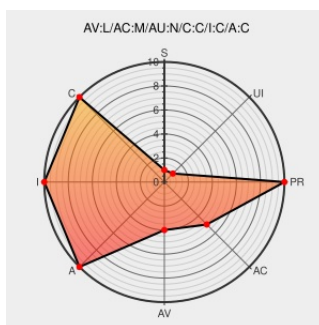


CVE-2013-4254

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CVE-2013-4254

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

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

The `validate_event` function in `arch/arm/kernel/perf_event.c` in the Linux kernel before 3.10.8 on the ARM platform allows local users to gain privileges or cause a denial of service (NULL pointer dereference and system crash) by adding a hardware event to an event group led by a software event.

CVE-2013-4254 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **6.9 - MEDIUM**

Access
Vector

LOCAL

Access
Complexity

MEDIUM

Authentication

NONE

Confidentiality
Impact

COMPLETE

Integrity
Impact

COMPLETE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

ARM: 7809/1: perf: fix event validation for software group leaders · torvalds/linux@c95eb31 · GitHub

[Patch](#)
[github.com](#)
[text/html](#)

CONFIRM
github.com/torvalds/linux/commit/c95eb3184ea1a3a2551df57190c81da695e2144b

[www.kernel.org](#)
[text/plain](#)

CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.10.8

USN-1974-1: Linux kernel vulnerabilities | Ubuntu

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

UBUNTU USN-1974-1

USN-1971-1: Linux kernel (Raring HWE) vulnerabilities | Ubuntu

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

UBUNTU USN-1971-1

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=c95eb3184ea1a3a2551df57190c81da695e2144b
USN-1970-1: Linux kernel (Quantal HWE) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1970-1
oss-security - Re: CVE Request: linux-kernel privilege escalation on ARM/perf	www.openwall.com text/html	 MLIST [oss-security] 20130816 Re: CVE Request: linux-kernel privilege escalation on ARM/perf
USN-1975-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1975-1
About Secunia Research Flexera	secunia.com Deprecated Link text/plain	 SECUNIA 54494
Bug 998878 – CVE-2013-4254 Kernel: ARM: perf: NULL pointer dereference in validate_event	bugzilla.redhat.com text/html	 CONFIRM bugzilla.redhat.com/show_bug.cgi?id=998878
USN-1973-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1973-1
USN-1968-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1968-1
USN-1972-1: Linux kernel vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1972-1
USN-1969-1: Linux kernel (OMAP4) vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-1969-1

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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	3.10.0	All	All	All
Operating System	Linux	Linux Kernel	3.10.1	All	All	All
Operating System	Linux	Linux Kernel	3.10.2	All	All	All
Operating System	Linux	Linux Kernel	3.10.3	All	All	All
Operating System	Linux	Linux Kernel	3.10.4	All	All	All

Operating System	Linux	Linux Kernel	3.10.4	All	All	All
Operating System	Linux	Linux Kernel	3.10.5	All	All	All
Operating System	Linux	Linux Kernel	3.10.6	All	All	All
Operating System	Linux	Linux Kernel	3.10.0	All	All	All
Operating System	Linux	Linux Kernel	3.10.1	All	All	All
Operating System	Linux	Linux Kernel	3.10.2	All	All	All
Operating System	Linux	Linux Kernel	3.10.3	All	All	All
Operating System	Linux	Linux Kernel	3.10.4	All	All	All
Operating System	Linux	Linux Kernel	3.10.5	All	All	All
Operating System	Linux	Linux Kernel	3.10.6	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:linux:linux_kernel:3.10.0:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.1:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.2:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.3:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.4:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.5:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.6:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.0:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.1:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.2:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.3:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.4:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.5:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:3.10.6:*:*:*:*:arm64:*:						
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:arm64:*:						

No vendor comments have been submitted for this CVE

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[Next ID→](#)

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