CVE-2013-4254

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CVE-2013-4254

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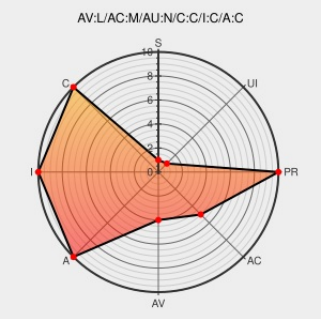

Certain versions of Linux Kernel from Linux contain the following vulnerability:

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	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	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 priviledge escalation on ARM/perf	www.openwall.com text/html	MLIST [oss-security] 20130816 Re: CVE Request: linux-kernel priviledge 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 Depreciated 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

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	3.10.5	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:*:

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cpe:2.3:o:linux:linux_kernel:3.10.4:*:*:*:*:*:arm64:*:

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cpe:2.3:o:linux:linux_kernel:3.10.6:*:*:*:*:*:arm64:*:

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cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:arm64:*:

No vendor comments have been submitted for this CVE

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