CVE-2013-2146

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CVE-2013-2146

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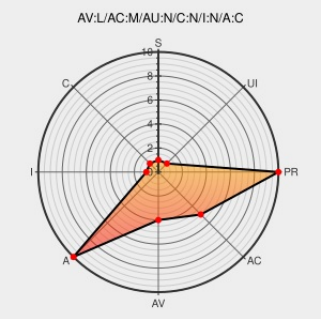

Certain versions of Linux Kernel from Linux contain the following vulnerability:

arch/x86/kernel/cpu/perf_event_intel.c in the Linux kernel before 3.8.9, when the Performance Events Subsystem is enabled, specifies an incorrect bitmask, which allows local users to cause a denial of service (general protection fault and system crash) by attempting to set a reserved bit.

CVE-2013-2146 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 4.7 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
perf/x86: Fix offcore_rsp valid mask for SNB/IVB · torvalds/linux@f192382 · GitHub	Exploit, Patch, github.com, text/html	CONFIRM github.com/torvalds/linux/commit/f1923820c447e986a9da0fc6bf60c1dccdf0408e
oss-security - Re: CVE Request: More perf security fixes	www.openwall.com, text/html	MLIST [oss-security] 20130605 Re: CVE Request: More perf security fixes
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=f1923820c447e986a9da0fc6bf60c1dccdf0408e
	www.kernel.org, text/plain	CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.8.9

971309 – (CVE-2013-2146) CVE-2013-2146 Kernel: perf/x86: offcore_rsp valid mask for SNB/IVB	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=971309
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2013:1173
Support / Security / Advisories / / MDVSA-2013:176 | Mandriva	www.mandriva.com text/html	MANDRIVA MDVSA-2013:176

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:*:*:*:*:*:*:*:

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:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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