



CVE-2011-2521

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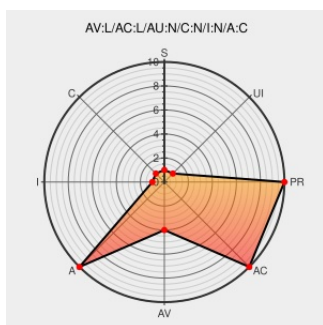
CVE-2011-2521

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

The `x86_assign_hw_event` function in `arch/x86/kernel/cpu/perf_event.c` in the Performance Events subsystem in the Linux kernel before 2.6.39 does not properly calculate counter values, which allows local users to cause a denial of service (panic) via the `perf` program.

CVE-2011-2521 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **4.9 - MEDIUM**

Access
Vector

LOCAL

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

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=fc66c5210ec2539e800e87d7b3a985323c7be96e

oss-security - Re: CVE
request: kernel: perf, x86:
fix Intel fixed counters
base initialization

[Mailing List](#)

[Third Party Advisory](#)

www.openwall.com

[text/html](#)

MLIST [oss-security] 20110706 Re: CVE request: kernel: perf, x86: fix Intel fixed counters base initialization

404 Not Found

[Broken Link](#)

ftp.osuosl.org

[text/plain](#)

Inactive Link

Not Archived

CONFIRM ftp.osuosl.org/pub/linux/kernel/v2.6/ChangeLog-2.6.39

perf, x86: Fix Intel fixed
counters base initialization
- torvalds/linux@fc66c52 -

[Patch](#)

[Third Party Advisory](#)

github.com

CONFIRM
github.com/torvalds/linux/commit/fc66c5210ec2539e800e87d7b3a985323c7be96e

for vulnerability research

GitHub

github.com

text/html

Bug 719228 – CVE-2011-2521 kernel: perf, x86: fix Intel fixed counters base initialization

Issue Tracking

Third Party Advisory

bugzilla.redhat.com

text/html

 [CONFIRM bugzilla.redhat.com/show_bug.cgi?id=719228](https://bugzilla.redhat.com/show_bug.cgi?id=719228)

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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	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

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

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

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →