CVE-2011-4621

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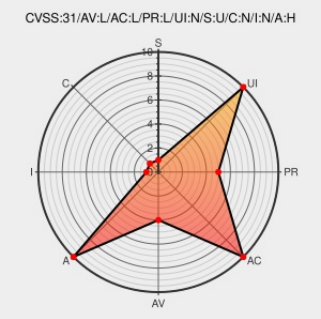

Certain versions of Linux Kernel from Linux contain the following vulnerability:

The Linux kernel before 2.6.37 does not properly implement a certain clock-update optimization, which allows local users to cause a denial of service (system hang) via an application that executes code in a loop.

CVE-2011-4621 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 4.9 - MEDIUM

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

CVE References

Description	Tags	Link
Sched: fix skip_clock_update optimization · torvalds/linux@f26f9af · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/torvalds/linux/commit/f26f9aff6aaf67e9a430d16c266f91b13a5bff64

404 Not Found	Broken Link ftp.osuosl.org text/plain Inactive Link Not Archived	CONFIRM ftp.osuosl.org/pub/linux/kernel/v2.6/ChangeLog-2.6.37
oss-security - Re: CVE Request -- kernel: tight loop and no preemption can cause system stall	Exploit Mailing List Patch Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20111221 Re: CVE Request -- kernel: tight loop and no preemption can cause system stall
kernel/git/torvalds/linux.git - Linux kernel source tree	Mailing List Patch Vendor Advisory 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=f26f9aff6aaf67e9a430d16c266f91b13a5bff64
Bug 769711 – CVE-2011-4621 kernel: tight loop and no preemption can cause system stall	Issue Tracking Patch Third Party Advisory bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=769711

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

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