CVE-2012-1179

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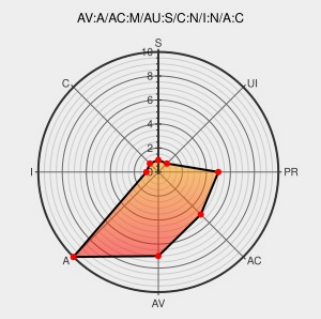

Certain versions of Linux Kernel from Linux contain the following vulnerability:

The Linux kernel before 3.3.1, when KVM is used, allows guest OS users to cause a denial of service (host OS crash) by leveraging administrative access to the guest OS, related to the pmd_none_or_clear_bad function and page faults for huge pages.

CVE-2012-1179 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 5.2 - MEDIUM

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

CVE References

Description	Tags	Link
oss-security - CVE-2012-1179 kernel: thp: __split_huge_page() mapcount != page_mapcount BUG_ON()	www.openwall.com text/html	MLIST [oss-security] 20120315 CVE-2012-1179 kernel: thp: __split_huge_page() mapcount != page_mapcount BUG_ON()
[security-announce] SUSE-SU-2012:0554-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2012:0554
Security Advisory SA48404 - Linux Kernel "__split_huge_page()" Race Condition Denial of Service Vulnerability	web.archive.org text/html	SECUNIA 48404

Service Vulnerability - Secunia		
	www.kernel.org text/plain	CONFIRM www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.3.1
Linux Kernel KVM pmd_none_or_clear_bad() Bug Lets Local Guest Users Cause Denial of Service Conditions on the Host System - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1027084
Bug 803793 – CVE-2012-1179 kernel: thp:__split_huge_page() mapcount != page_mapcount BUG_ON()	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=803793
mm: thp: fix pmd_bad() triggering in code paths holding mmap_sem read… · torvalds/linux@4a1d704 · GitHub	github.com text/html	CONFIRM github.com/torvalds/linux/commit/4a1d704194a441bf83c636004a479e01360ec850
'[security bulletin] HPSBGN02970 rev.1 - HP Rapid Deployment Pack (RDP) or HP Insight Control Server ' - MARC	marc.info text/html	HP HPSBGN02970
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2012:0743
[SECURITY] Fedora 16 Update: kernel-3.2.10-3.fc16	lists.fedoraproject.org text/html	FEDORA FEDORA-2012-3712
Security Advisory SA48898 - SUSE update for kernel - Secunia	web.archive.org text/html	SECUNIA 48898

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	rc7	All	All

cpe:2.3:o:linux:linux_kernel:*:rc7:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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