CVE-2005-3105

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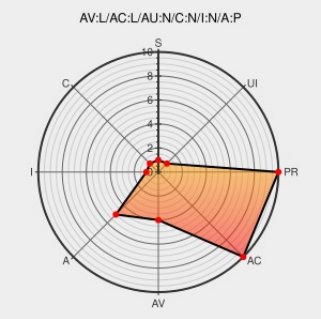
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

The mprotect code (mprotect.c) in Linux 2.6 on Itanium IA64 Montecito processors does not properly maintain cache coherency as required by the architecture, which allows local users to cause a denial of service and possibly corrupt data by modifying PTE protections.

CVE-2005-3105 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 2.1 - LOW

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

CVE References

Description	Tags	Link
Repository / Oval Repository	oval.cisecurity.org, text/html	OVAL oval:org.mitre.oval:def:11283
Debian -- Security Information -- DSA-922-1 kernel-source-2.6.8	www.debian.org, Depreciated Link, text/html	DEBIAN DSA-922
rhn.redhat.com | Red Hat Support	www.redhat.com, text/html	REDHAT RHSA-2005:514
	Exploit, cache-www.intel.com, application/pdf, Inactive Link, Not Archived	MISC cache-www.intel.com/cd/00/00/21/57/215792_215792.pdf
No Description Provided	Broken Link, linux.bkbits.net	CONFIRM linux.bkbits.net:8080/linux-2.6/cset@4248d4019z8HvgrPAji51TKrWiV2uw?

	Inactive Link Not Archived	nav=index.html|src/|src/mm|related/mm/mprotect.c
Cache Coherency in Itanium® Processor Software - Intel® Software Network	web.archive.org text/html Inactive Link Not Archived	intel MISC www.intel.com/cd/ids/developer/asmo-na/eng/215766.htm
Secunia - Advisories - Debian update for kernel-source-2.6.8	web.archive.org text/html	SECUNIA 18056

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	2.6.0	All	itanium_ia64_montecito	All
Operating System	Linux	Linux Kernel	2.6.0	All	itanium_ia64_montecito	All

cpe:2.3:o:linux:linux_kernel:2.6.0:*:itanium_ia64_montecito:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:2.6.0:*:itanium_ia64_montecito:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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