

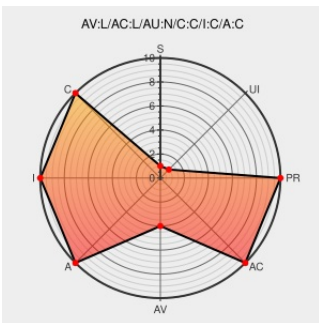


CVE-2004-1151

Published on: 12/08/2004 12:00:00 AM UTC

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CVE-2004-1151

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

Multiple buffer overflows in the (1) `sys32_ni_syscall` and (2) `sys32_vm86_warning` functions in `sys_ia32.c` for Linux 2.6.x may allow local attackers to modify kernel memory and gain privileges.

CVE-2004-1151 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **7.2 - HIGH**

Access
Vector

LOCAL

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

COMPLETE

Integrity
Impact

COMPLETE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

No Description Provided

[marc.info](#)
[text/html](#)

[BUGTRAQ 20041214 \[USN-38-1\] Linux kernel vulnerabilities](#)

No Description Provided

[linux.bkbits.net](#)

[MISC linux.bkbits.net:8080/linux-2.6/cset@1.2079](#)

Inactive Link Not Archived

Advisories - Mandriva

[www.mandriva.com](#)
[text/html](#)

[MANDRAKE MDKSA-2005:022](#)

Linux-Kernel Archive: Buffer overrun in
`arch/x86_64/sys_ia32.c:sys32_ni_syscall()`

[www.ussg.iu.edu](#)
[text/x-diff](#)
Inactive Link Not Archived

[MLIST \[linux-kernel\] 20041130 Buffer overrun in
`arch/x86\_64/sys\_ia32.c:sys32\_ni\_syscall\(\)`](#)

Security Announcement

[web.archive.org](#)
[text/html](#)
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[ot SUSE SUSE-SA:2004:044](#)

No Description Provided

linux.bkbits.net

MISC linux.bkbits.net:8080/linux-2.6/gnupatch@41ae6af1cR3mJYIW6D8EHxCKSxuJiQ

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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	2.6.0	All	All	All
Operating System	Linux	Linux Kernel	2.6.0	test1	All	All
Operating System	Linux	Linux Kernel	2.6.0	test10	All	All
Operating System	Linux	Linux Kernel	2.6.0	test11	All	All
Operating System	Linux	Linux Kernel	2.6.0	test2	All	All
Operating System	Linux	Linux Kernel	2.6.0	test3	All	All
Operating System	Linux	Linux Kernel	2.6.0	test4	All	All
Operating System	Linux	Linux Kernel	2.6.0	test5	All	All
Operating System	Linux	Linux Kernel	2.6.0	test6	All	All
Operating System	Linux	Linux Kernel	2.6.0	test7	All	All
Operating System	Linux	Linux Kernel	2.6.0	test8	All	All
Operating System	Linux	Linux Kernel	2.6.0	test9	All	All
Operating System	Linux	Linux Kernel	2.6.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.1	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.1	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.2	All	All	All

Operating System	Linux	Linux Kernel	2.6.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.7	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.9	2.6.20	All	All
Operating System	Linux	Linux Kernel	2.6_test9_cvs	All	All	All
Operating System	Linux	Linux Kernel	2.6.0	All	All	All
Operating System	Linux	Linux Kernel	2.6.0	test1	All	All
Operating System	Linux	Linux Kernel	2.6.0	test10	All	All
Operating System	Linux	Linux Kernel	2.6.0	test11	All	All
Operating System	Linux	Linux Kernel	2.6.0	test2	All	All
Operating System	Linux	Linux Kernel	2.6.0	test3	All	All
Operating System	Linux	Linux Kernel	2.6.0	test4	All	All
Operating System	Linux	Linux Kernel	2.6.0	test5	All	All
Operating System	Linux	Linux Kernel	2.6.0	test6	All	All
Operating System	Linux	Linux Kernel	2.6.0	test7	All	All

Operating System	Linux	Linux Kernel	2.6.0	test /	All	All
Operating System	Linux	Linux Kernel	2.6.0	test8	All	All
Operating System	Linux	Linux Kernel	2.6.0	test9	All	All
Operating System	Linux	Linux Kernel	2.6.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.1	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.1	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.6	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.7	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.8	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.9	2.6.20	All	All
Operating System	Linux	Linux Kernel	2.6_test9_cvs	All	All	All
Operating System	Ubuntu	Ubuntu Linux	4.1	All	ia64	All
Operating System	Ubuntu	Ubuntu Linux	4.1	All	ppc	All

Operating System	Ubuntu	Ubuntu Linux	4.1	All	ia64	All
Operating System	Ubuntu	Ubuntu Linux	4.1	All	ppc	All
cpe:2.3:o:linux:linux_kernel:2.6.0:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test1:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test10:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test11:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test2:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test3:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test4:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test5:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test6:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test7:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test8:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.0:test9:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.1:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.1:rc1:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.1:rc2:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.10:rc2:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.2:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.3:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.4:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.5:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.6:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.6:rc1:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.7:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.7:rc1:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.8:****:*:*:						
cpe:2.3:o:linux:linux_kernel:2.6.8:rc1:****:*:*:						

cpe:2.3:o:linux:linux_kernel:2.6.8:rc2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.8:rc3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.9:2.6.20:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6_test9_cvs:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test10:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test11:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test4:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test5:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test7:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test8:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.0:test9:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.1:rc1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.1:rc2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.10:rc2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.4:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.5:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.6:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.6:rc1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.7:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.7:rc1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.8:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:2.6.8:rc1:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.8:rc2:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.8:rc3:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6.9:2.6.20:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:2.6_test9_cvs:*:*:*:*:*:
cpe:2.3:o:ubuntu:ubuntu_linux:4.1:*:ia64:*:*:*:*:
cpe:2.3:o:ubuntu:ubuntu_linux:4.1:*:ppc:*:*:*:*:
cpe:2.3:o:ubuntu:ubuntu_linux:4.1:*:ia64:*:*:*:*:
cpe:2.3:o:ubuntu:ubuntu_linux:4.1:*:ppc:*:*:*:*:

No vendor comments have been submitted for this CVE

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