



CVE-2005-0003

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2005-0003
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2005-04-14 04:00:00 UTC
Updated	2023-11-07 01:57:00 UTC
Description	The 64 bit ELF support in Linux kernel 2.6 before 2.6.10, on 64-bit architectures, does not properly check for overlapping VI

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Avaya	Converged Communications Server	2.0	All	All	All
Hardware	Avaya	Converged Communications Server	2.0	All	All	All
Application	Avaya	Intuity Audix	All	All	ix	All
Application	Avaya	Intuity Audix	All	All	ix	All
Application	Avaya	Mn100	All	All	All	All
Application	Avaya	Mn100	All	All	All	All
Operating System	Avaya	Modular Messaging Message Storage Server	1.1	All	All	All
Operating System	Avaya	Modular Messaging Message Storage Server	2.0	All	All	All
Operating System	Avaya	Modular Messaging Message Storage Server	1.1	All	All	All
Operating System	Avaya	Modular Messaging Message Storage Server	2.0	All	All	All
Application	Avaya	Network Routing	All	All	All	All
Application	Avaya	Network Routing	All	All	All	All
Hardware	Avaya	S8300	r2.0.0	All	All	All
Hardware	Avaya	S8300	r2.0.1	All	All	All
Hardware	Avaya	S8300	r2.0.0	All	All	All
Hardware	Avaya	S8300	r2.0.1	All	All	All
Hardware	Avaya	S8500	r2.0.0	All	All	All

Hardware	Avaya	S8500	r2.0.1	All	All	All
Hardware	Avaya	S8500	r2.0.0	All	All	All
Hardware	Avaya	S8500	r2.0.1	All	All	All
Hardware	Avaya	S8700	r2.0.0	All	All	All
Hardware	Avaya	S8700	r2.0.1	All	All	All
Hardware	Avaya	S8700	r2.0.0	All	All	All
Hardware	Avaya	S8700	r2.0.1	All	All	All
Hardware	Avaya	S8710	r2.0.0	All	All	All
Hardware	Avaya	S8710	r2.0.1	All	All	All
Hardware	Avaya	S8710	r2.0.0	All	All	All
Hardware	Avaya	S8710	r2.0.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.0	All	All	All
Operating System	Linux	Linux Kernel	2.4.0	test1	All	All
Operating System	Linux	Linux Kernel	2.4.0	test10	All	All
Operating System	Linux	Linux Kernel	2.4.0	test11	All	All
Operating System	Linux	Linux Kernel	2.4.0	test12	All	All
Operating System	Linux	Linux Kernel	2.4.0	test2	All	All
Operating System	Linux	Linux Kernel	2.4.0	test3	All	All
Operating System	Linux	Linux Kernel	2.4.0	test4	All	All
Operating System	Linux	Linux Kernel	2.4.0	test5	All	All
Operating System	Linux	Linux Kernel	2.4.0	test6	All	All
Operating System	Linux	Linux Kernel	2.4.0	test7	All	All
Operating System	Linux	Linux Kernel	2.4.0	test8	All	All
Operating System	Linux	Linux Kernel	2.4.0	test9	All	All
Operating System	Linux	Linux Kernel	2.4.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.10	All	All	All
Operating System	Linux	Linux Kernel	2.4.11	All	All	All
Operating System	Linux	Linux Kernel	2.4.12	All	All	All
Operating System	Linux	Linux Kernel	2.4.13	All	All	All
Operating System	Linux	Linux Kernel	2.4.14	All	All	All
Operating System	Linux	Linux Kernel	2.4.15	All	All	All
Operating System	Linux	Linux Kernel	2.4.16	All	All	All
Operating System	Linux	Linux Kernel	2.4.17	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	x86	All

Operating System	Linux	Linux Kernel	2.4.18	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre2	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre5	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre6	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre7	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre8	All	All
Operating System	Linux	Linux Kernel	2.4.19	All	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre2	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre5	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre6	All	All
Operating System	Linux	Linux Kernel	2.4.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.20	All	All	All
Operating System	Linux	Linux Kernel	2.4.21	All	All	All
Operating System	Linux	Linux Kernel	2.4.21	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.21	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.21	pre7	All	All
Operating System	Linux	Linux Kernel	2.4.22	All	All	All
Operating System	Linux	Linux Kernel	2.4.23	All	All	All
Operating System	Linux	Linux Kernel	2.4.23	pre9	All	All
Operating System	Linux	Linux Kernel	2.4.23_ow2	All	All	All
Operating System	Linux	Linux Kernel	2.4.24	All	All	All
Operating System	Linux	Linux Kernel	2.4.24_ow1	All	All	All
Operating System	Linux	Linux Kernel	2.4.25	All	All	All
Operating System	Linux	Linux Kernel	2.4.26	All	All	All
Operating System	Linux	Linux Kernel	2.4.27	All	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre2	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre5	All	All

Operating System	Linux	Linux Kernel	2.4.28	All	All	All
Operating System	Linux	Linux Kernel	2.4.29	rc1	All	All
Operating System	Linux	Linux Kernel	2.4.29	rc2	All	All
Operating System	Linux	Linux Kernel	2.4.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.4	All	All	All
Operating System	Linux	Linux Kernel	2.4.5	All	All	All
Operating System	Linux	Linux Kernel	2.4.6	All	All	All
Operating System	Linux	Linux Kernel	2.4.7	All	All	All
Operating System	Linux	Linux Kernel	2.4.8	All	All	All
Operating System	Linux	Linux Kernel	2.4.9	All	All	All
Operating System	Linux	Linux Kernel	2.4.0	All	All	All
Operating System	Linux	Linux Kernel	2.4.0	test1	All	All
Operating System	Linux	Linux Kernel	2.4.0	test10	All	All
Operating System	Linux	Linux Kernel	2.4.0	test11	All	All
Operating System	Linux	Linux Kernel	2.4.0	test12	All	All
Operating System	Linux	Linux Kernel	2.4.0	test2	All	All
Operating System	Linux	Linux Kernel	2.4.0	test3	All	All
Operating System	Linux	Linux Kernel	2.4.0	test4	All	All
Operating System	Linux	Linux Kernel	2.4.0	test5	All	All
Operating System	Linux	Linux Kernel	2.4.0	test6	All	All
Operating System	Linux	Linux Kernel	2.4.0	test7	All	All
Operating System	Linux	Linux Kernel	2.4.0	test8	All	All
Operating System	Linux	Linux Kernel	2.4.0	test9	All	All
Operating System	Linux	Linux Kernel	2.4.1	All	All	All
Operating System	Linux	Linux Kernel	2.4.10	All	All	All
Operating System	Linux	Linux Kernel	2.4.11	All	All	All
Operating System	Linux	Linux Kernel	2.4.12	All	All	All
Operating System	Linux	Linux Kernel	2.4.13	All	All	All
Operating System	Linux	Linux Kernel	2.4.14	All	All	All
Operating System	Linux	Linux Kernel	2.4.15	All	All	All
Operating System	Linux	Linux Kernel	2.4.16	All	All	All
Operating System	Linux	Linux Kernel	2.4.17	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	All	All
Operating System	Linux	Linux Kernel	2.4.18	All	x86	All
Operating System	Linux	Linux Kernel	2.4.18	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre2	All	All

Operating System	Linux	Linux Kernel	2.4.18	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre5	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre6	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre7	All	All
Operating System	Linux	Linux Kernel	2.4.18	pre8	All	All
Operating System	Linux	Linux Kernel	2.4.19	All	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre2	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre5	All	All
Operating System	Linux	Linux Kernel	2.4.19	pre6	All	All
Operating System	Linux	Linux Kernel	2.4.2	All	All	All
Operating System	Linux	Linux Kernel	2.4.20	All	All	All
Operating System	Linux	Linux Kernel	2.4.21	All	All	All
Operating System	Linux	Linux Kernel	2.4.21	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.21	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.21	pre7	All	All
Operating System	Linux	Linux Kernel	2.4.22	All	All	All
Operating System	Linux	Linux Kernel	2.4.23	All	All	All
Operating System	Linux	Linux Kernel	2.4.23	pre9	All	All
Operating System	Linux	Linux Kernel	2.4.23_ow2	All	All	All
Operating System	Linux	Linux Kernel	2.4.24	All	All	All
Operating System	Linux	Linux Kernel	2.4.24_ow1	All	All	All
Operating System	Linux	Linux Kernel	2.4.25	All	All	All
Operating System	Linux	Linux Kernel	2.4.26	All	All	All
Operating System	Linux	Linux Kernel	2.4.27	All	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre1	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre2	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre3	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre4	All	All
Operating System	Linux	Linux Kernel	2.4.27	pre5	All	All
Operating System	Linux	Linux Kernel	2.4.28	All	All	All
Operating System	Linux	Linux Kernel	2.4.29	rc1	All	All

Operating System	Linux	Linux Kernel	2.4.29	rc2	All	All
Operating System	Linux	Linux Kernel	2.4.3	All	All	All
Operating System	Linux	Linux Kernel	2.4.4	All	All	All
Operating System	Linux	Linux Kernel	2.4.5	All	All	All
Operating System	Linux	Linux Kernel	2.4.6	All	All	All
Operating System	Linux	Linux Kernel	2.4.7	All	All	All
Operating System	Linux	Linux Kernel	2.4.8	All	All	All
Operating System	Linux	Linux Kernel	2.4.9	All	All	All
Operating System	Mandrakesoft	Mandrake Linux	10.0	All	All	All
Operating System	Mandrakesoft	Mandrake Linux	10.0	All	amd64	All
Operating System	Mandrakesoft	Mandrake Linux	10.1	All	All	All
Operating System	Mandrakesoft	Mandrake Linux	10.1	All	x86_64	All
Operating System	Mandrakesoft	Mandrake Linux	9.2	All	All	All
Operating System	Mandrakesoft	Mandrake Linux	9.2	All	amd64	All
Operating System	Mandrakesoft	Mandrake Linux	10.0	All	All	All
Operating System	Mandrakesoft	Mandrake Linux	10.0	All	amd64	All
Operating System	Mandrakesoft	Mandrake Linux	10.1	All	All	All
Operating System	Mandrakesoft	Mandrake Linux	10.1	All	x86_64	All
Operating System	Mandrakesoft	Mandrake Linux	9.2	All	All	All
Operating System	Mandrakesoft	Mandrake Linux	9.2	All	amd64	All
Operating System	Mandrakesoft	Mandrake Linux Corporate Server	2.1	All	All	All
Operating System	Mandrakesoft	Mandrake Linux Corporate Server	2.1	All	x86_64	All
Operating System	Mandrakesoft	Mandrake Linux Corporate Server	3.0	All	All	All
Operating System	Mandrakesoft	Mandrake Linux Corporate Server	2.1	All	All	All
Operating System	Mandrakesoft	Mandrake Linux Corporate Server	2.1	All	x86_64	All
Operating System	Mandrakesoft	Mandrake Linux Corporate Server	3.0	All	All	All
Application	Mandrakesoft	Mandrake Multi Network Firewall	8.2	All	All	All
Application	Mandrakesoft	Mandrake Multi Network Firewall	8.2	All	All	All
Operating System	Redhat	Enterprise Linux	3.0	All	advanced_servers	All
Operating System	Redhat	Enterprise Linux	3.0	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	workstation	All
Operating System	Redhat	Enterprise Linux	3.0	All	advanced_servers	All
Operating System	Redhat	Enterprise Linux	3.0	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	workstation	All
Operating System	Redhat	Enterprise Linux Desktop	3.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	3.0	All	All	All



References

Reference	Source	Link
Debian -- Security Information -- DSA-1067-1 kernel-source-2.4.16	DEBIAN	www.debian.org
Debian -- Security Information -- DSA-1070-1 kernel-source-2.4.19	DEBIAN	www.debian.org
Repository / Oval Repository	OVAL	oval.cisecurity.org
Security Announcement	SUSE	www.novell.com
linux.bkbits.net/linux-2.6/cset@41a6721cce-LoPqkzKXudYby_3TUmg	MISC	linux.bkbits.net
Debian -- Security Information -- DSA-1082-1 kernel-source-2.4.17	DEBIAN	www.debian.org
rhn.redhat.com Red Hat Support	REDHAT	www.redhat.com
linux.bkbits.net/linux-2.4/cset@41c36fb6q1Z68WUzKQFjJR-40Ev3tw	CONFIRM	linux.bkbits.net
IBM X-Force Exchange	XF	exchange.xforce
Advisories - Mandriva	MANDRAKE	www.mandriva.com
2005-0001	TRUSTIX	www.trustix.org
rhn.redhat.com Red Hat Support	REDHAT	www.redhat.com
Secunia - Advisories - Debian update for kernel-source-2.4.18	SECUNIA	secunia.com
Linux Kernel User Triggerable BUG() Unspecified Local Denial of Service Vulnerability	BID	www.securityfocus.com
linux.bkbits.net/linux-2.6/cset%4041a6721cce-LoPqkzKXudYby_3TUmg		linux.bkbits.net
linux.bkbits.net/linux-2.4/cset%4041c36fb6q1Z68WUzKQFjJR-40Ev3tw		linux.bkbits.net
Secunia - Advisories - Debian update for kernel-source-2.4.17	SECUNIA	secunia.com
SecurityTracker.com Archives - Linux Kernel Overlapping VMAs May Let Local Users Obtain Root Privileges	SECTRACK	securitytracker.com
Debian -- Security Information -- DSA-1069-1 kernel-source-2.4.18	DEBIAN	www.debian.org
Secunia - Advisories - Debian update for kernel-source-2.4.19	SECUNIA	secunia.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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