



CVE-2004-1071

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2004-1071
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2005-01-10 05:00:00 UTC
Updated	2017-10-11 01:29:00 UTC
Description	The binfmt_elf loader (binfmt_elf.c) in Linux kernel 2.4.x up to 2.4.27, and 2.6.x up to 2.6.8, does not properly handle a failure

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	2.4.3	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	2.6.0	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	2.6.2	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	2.4.0	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	2.4.3	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	2.6.0	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	2.6.2	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	Redhat	Enterprise Linux	2.1	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	advanced_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server_ia64	All

Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation_ia64	All
Operating System	Redhat	Enterprise Linux	3.0	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	workstation_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	advanced_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	2.1	All	enterprise_server_ia64	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation	All
Operating System	Redhat	Enterprise Linux	2.1	All	workstation_ia64	All
Operating System	Redhat	Enterprise Linux	3.0	All	advanced_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	enterprise_server	All
Operating System	Redhat	Enterprise Linux	3.0	All	workstation_server	All
Operating System	Redhat	Enterprise Linux Desktop	3.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	3.0	All	All	All
Operating System	Redhat	Fedora Core	core_2.0	All	All	All
Operating System	Redhat	Fedora Core	core_3.0	All	All	All
Operating System	Redhat	Fedora Core	core_2.0	All	All	All
Operating System	Redhat	Fedora Core	core_3.0	All	All	All
Operating System	Redhat	Linux Advanced Workstation	2.1	All	ia64	All
Operating System	Redhat	Linux Advanced Workstation	2.1	All	itanium_processor	All
Operating System	Redhat	Linux Advanced Workstation	2.1	All	ia64	All
Operating System	Redhat	Linux Advanced Workstation	2.1	All	itanium_processor	All
Operating System	Suse	Suse Linux	1.0	All	desktop	All
Operating System	Suse	Suse Linux	8	All	enterprise_server	All
Operating System	Suse	Suse Linux	8.1	All	All	All
Operating System	Suse	Suse Linux	8.2	All	All	All
Operating System	Suse	Suse Linux	9.0	All	All	All
Operating System	Suse	Suse Linux	9.0	All	enterprise_server	All
Operating System	Suse	Suse Linux	9.0	All	x86_64	All
Operating System	Suse	Suse Linux	9.1	All	All	All
Operating System	Suse	Suse Linux	9.2	All	All	All
Operating System	Suse	Suse Linux	1.0	All	desktop	All
Operating System	Suse	Suse Linux	8	All	enterprise_server	All

Operating System	Suse	Suse Linux	8.1	All	All	All
Operating System	Suse	Suse Linux	8.2	All	All	All
Operating System	Suse	Suse Linux	9.0	All	All	All
Operating System	Suse	Suse Linux	9.0	All	enterprise_server	All
Operating System	Suse	Suse Linux	9.0	All	x86_64	All
Operating System	Suse	Suse Linux	9.1	All	All	All
Operating System	Suse	Suse Linux	9.2	All	All	All
Operating System	Trustix	Secure Linux	1.5	All	All	All
Operating System	Trustix	Secure Linux	2.0	All	All	All
Operating System	Trustix	Secure Linux	2.1	All	All	All
Operating System	Trustix	Secure Linux	2.2	All	All	All
Operating System	Trustix	Secure Linux	1.5	All	All	All
Operating System	Trustix	Secure Linux	2.0	All	All	All
Operating System	Trustix	Secure Linux	2.1	All	All	All
Operating System	Trustix	Secure Linux	2.2	All	All	All
Operating System	Turbolinux	Turbolinux Server	10.0	All	All	All
Operating System	Turbolinux	Turbolinux Server	10.0	All	All	All

References

Reference	Source	Link	Tags
Debian -- Security Information -- DSA-1067-1 kernel-source-2.4.16	DEBIAN	www.debian.org	
rhn.redhat.com Red Hat Support	REDHAT	www.redhat.com	
Debian -- Security Information -- DSA-1070-1 kernel-source-2.4.19	DEBIAN	www.debian.org	
Debian -- Security Information -- DSA-1082-1 kernel-source-2.4.17	DEBIAN	www.debian.org	
20060402-01-U	SGI	patches.sgi.com	
redhat.com Red Hat Support	REDHAT	www.redhat.com	Patch, Vendor
Secunia - Advisories - Debian update for kernel-source-2.4.16	SECUNIA	secunia.com	
FLSA:2336	FEDORA	bugzilla.fedora.us	
Advisories - Mandriva	MANDRAKE	www.mandriva.com	
Secunia - Advisories - Debian update for kernel-source-2.4.18	SECUNIA	secunia.com	
Repository / Oval Repository	OVAL	oval.cisecurity.org	
www.isec.pl/vulnerabilities/isec-0017-binfmt_elf.txt	MISC	www.isec.pl	
rhn.redhat.com Red Hat Support	REDHAT	www.redhat.com	
Secunia - Advisories - Debian update for kernel-source-2.4.17	SECUNIA	secunia.com	
Linux Kernel BINFMT_ELF Loader Local Privilege Escalation Vulnerabilities	BID	www.securityfocus.com	
Debian -- Security Information -- DSA-1069-1 kernel-source-2.4.18	DEBIAN	www.debian.org	

Debian -- Security Information -- DSA-1009-1 kernel-source-2.4.19	DEBIAN	www.debian.org	
Secunia - Advisories - Debian update for kernel-source-2.4.19	SECUNIA	secunia.com	
SGI ProPack kernel Multiple Vulnerabilities - Advisories - Secunia	SECUNIA	secunia.com	
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, and

No vendor comments have been submitted for this CVE.

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

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