



CVE-2010-4346

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

Summary

CVE	CVE-2010-4346
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-12-22 21:00:00 UTC
Updated	2023-02-13 04:28:00 UTC
Description	The install_special_mapping function in mm/mmap.c in the Linux kernel before 2.6.37-rc6 does not make an expected secu

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	2.6.37	-	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc5	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	2.6.37	-	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.37	rc5	All	All

References

Reference	Source	Link
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Linux Kernel "install_special_mapping()" mmap_min_addr Security Bypass Weakness - Advisories - Community	SECUNIA	secunia.com
SecurityFocus	BUGTRAQ	www.securityfocus.com
662189 – (CVE-2010-4346) CVE-2010-4346 kernel: install_special_mapping skips security_file_mmap check	CONFIRM	bugzilla.redhat.com
404: File not found	CONFIRM	www.kernel.org
oss-security - [taviso@...xchg8b.com: [PATCH] install_special_mapping skips security_file_mmap check.]	MLIST	openwall.com
Linux Kernel 'install_special_mapping()' Local Security Bypass Vulnerability	BID	www.securityfocus.com/bid
mandriva.com	MANDRIVA	www.mandriva.com
VMSA-2011-0012.2	CONFIRM	www.vmware.com
oss-security - Re: [taviso@...xchg8b.com: [PATCH] install_special_mapping skips security_file_mmap check.]	MLIST	openwall.com
About Secunia Research Flexera	SECUNIA	secunia.com
oss-security - Subject: CVE request: kernel: install_special_mapping skips security_file_mmap check	MLIST	openwall.com
LKML: Tavis Ormandy: [PATCH] install_special_mapping skips security_file_mmap check.	MLIST	lkml.org
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
oss-security - Re: Subject: CVE request: kernel: install_special_mapping skips security_file_mmap check	MLIST	openwall.com
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
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.