



CVE-2010-0622

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

Summary

CVE	CVE-2010-0622
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-02-15 18:30:00 UTC
Updated	2023-11-07 02:05:00 UTC
Description	The wake_futex_pi function in kernel/futex.c in the Linux kernel before 2.6.33-rc7 does not properly handle certain unlock o

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	2.6.0	All	All	All
Operating System	Linux	Linux Kernel	2.6.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.12	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	2.6.17.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.22	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.23.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.23.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.3	All	All	All

Operating System	Linux	Linux Kernel	2.6.32	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc5	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	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.0	All	All	All
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Operating System	Linux	Linux Kernel	2.6.11.4	All	All	All
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Operating System	Linux	Linux Kernel	2.6.11.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.11.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.2	All	All	All

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Operating System	Linux	Linux Kernel	2.6.17.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.18.5	All	All	All
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Operating System	Linux	Linux Kernel	2.6.22.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.22.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.23	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.23.1	All	All	All
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Operating System	Linux	Linux Kernel	2.6.24	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.24	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.32	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.1	All	All	All

Operating System	Linux	Linux Kernel	2.6.32.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.32.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.33	rc5	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	2.6.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.8.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.9	All	All	All
Operating System	Linux	Linux Kernel	All	rc3	All	All
Operating System	Linux	Linux Kernel	All	rc6	All	All

References						
Reference	Source	Link	Tags			
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org				
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org				
oss-security - Re: CVE request - kernel: futex: Handle user space corruption gracefully	MLIST	www.openwall.com				
SecurityFocus	BUGTRAQ	www.securityfocus.com				
VMSA-2011-0003	CONFIRM	www.vmware.com				
git.kernel.org		git.kernel.org				
404: File not found	CONFIRM	www.kernel.org	Patch			
Repository / Oval Repository	OVAL	oval.cisecurity.org				
Support	REDHAT	www.redhat.com				
Debian -- Security Information -- DSA-2005-1 linux-2.6.24	DEBIAN	www.debian.org				
Support / Security / Advisories // MDVSA-2010:198 Mandriva	MANDRIVA	www.mandriva.com				
Ubuntu update for linux and linux-source-2.6.15 - Secunia.com	SECUNIA	secunia.com				
Webmail- OVH	VUPEN	www.vupen.com				
USN-914-1: Linux kernel vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com				
Red Hat update for kernel-rt - Advisories - Community	SECUNIA	secunia.com				
VMware ESX Server Multiple Kernel Vulnerabilities - Advisories - Community	SECUNIA	secunia.com				
Bug 563091 – CVE-2010-0622 kernel: futex: Handle user space corruption gracefully	CONFIRM	bugzilla.redhat.com				

Debian update for linux-2.6 - Advisories - Community	SECUNIA	secunia.com	
[SECURITY] Fedora 11 Update: kernel-2.6.30.10-105.2.23.fc11	FEDORA	lists.fedoraproject.org	
Support / Security / Advisories / / MDVSA-2010:088 Mandriva	MANDRIVA	www.mandriva.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	
oss-security - CVE request - kernel: futex: Handle user space corruption gracefully	MLIST	www.openwall.com	
SUSE update for kernel - Advisories - Community	SECUNIA	secunia.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

Vendor Comments And Credit			
Organization	Published	Contributor	Statement
Red Hat	2010-03-12	Vincent Danen	Red Hat is aware of this issue and is tracking it via the following bug: https://bugzilla.redhat.com

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

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