



CVE-2010-1643

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

Summary

CVE	CVE-2010-1643
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-06-03 14:30:00 UTC
Updated	2023-02-13 04:19:00 UTC
Description	mm/shmem.c in the Linux kernel before 2.6.28-rc3, when strict overcommit is enabled, does not properly handle the export

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

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Operating System	Linux	Linux Kernel	2.6.27.24	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.26	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.27	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.28	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.29	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.30	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.31	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.54	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.55	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.56	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.57	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc1	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	2.6.7	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
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

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	Operating System	Distribution	Kernel Version	Architecture	Platform	Release Date
	Operating System	Linux	Linux Kernel	2.6.25.11	All	All
	Operating System	Linux	Linux Kernel	2.6.25.12	All	All
	Operating System	Linux	Linux Kernel	2.6.25.13	All	All
	Operating System	Linux	Linux Kernel	2.6.25.14	All	All
	Operating System	Linux	Linux Kernel	2.6.25.15	All	All
	Operating System	Linux	Linux Kernel	2.6.25.16	All	All
	Operating System	Linux	Linux Kernel	2.6.25.17	All	All
	Operating System	Linux	Linux Kernel	2.6.25.18	All	All
	Operating System	Linux	Linux Kernel	2.6.25.19	All	All
	Operating System	Linux	Linux Kernel	2.6.25.2	All	All
	Operating System	Linux	Linux Kernel	2.6.25.20	All	All
	Operating System	Linux	Linux Kernel	2.6.25.3	All	All
	Operating System	Linux	Linux Kernel	2.6.25.4	All	All
	Operating System	Linux	Linux Kernel	2.6.25.5	All	All
	Operating System	Linux	Linux Kernel	2.6.25.6	All	All
	Operating System	Linux	Linux Kernel	2.6.25.7	All	All
	Operating System	Linux	Linux Kernel	2.6.25.8	All	All
	Operating System	Linux	Linux Kernel	2.6.25.9	All	All
	Operating System	Linux	Linux Kernel	2.6.26	All	All
	Operating System	Linux	Linux Kernel	2.6.26.1	All	All
	Operating System	Linux	Linux Kernel	2.6.26.2	All	All
	Operating System	Linux	Linux Kernel	2.6.26.3	All	All
	Operating System	Linux	Linux Kernel	2.6.26.4	All	All
	Operating System	Linux	Linux Kernel	2.6.26.5	All	All
	Operating System	Linux	Linux Kernel	2.6.26.6	All	All
	Operating System	Linux	Linux Kernel	2.6.26.7	All	All
	Operating System	Linux	Linux Kernel	2.6.26.8	All	All
	Operating System	Linux	Linux Kernel	2.6.27	All	All
	Operating System	Linux	Linux Kernel	2.6.27.1	All	All
	Operating System	Linux	Linux Kernel	2.6.27.10	All	All
	Operating System	Linux	Linux Kernel	2.6.27.11	All	All
	Operating System	Linux	Linux Kernel	2.6.27.12	All	All
	Operating System	Linux	Linux Kernel	2.6.27.13	All	All
	Operating System	Linux	Linux Kernel	2.6.27.14	All	All
	Operating System	Linux	Linux Kernel	2.6.27.15	All	All

Operating System	Linux	Linux Kernel	2.6.27.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.18	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.19	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.20	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.21	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.22	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.23	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.24	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.25	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.26	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.27	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.28	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.29	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.30	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.31	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.54	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.55	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.56	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.57	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.27.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.28	rc1	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	2.6.7	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	rc2	All	All

References						
Reference	Source		Link	Tags		
Vigil@nce vulnerability - Linux kernel: denial of service via knfsd	MISC		vigilance.fr			
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC		git.kernel.org			
Linux Kernel 'knfsd' 'current->mm' Modifier Local Denial of Service Vulnerability	BID		www.securityfocus.com			
Security Advisory SA40645 - SUSE update for kernel - Secunia	SECUNIA		secunia.com	Venc		
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM		git.kernel.org			
Support / Security / Advisories // MDVSA-2010:198 Mandriva	MANDRIVA		www.mandriva.com			
IBM X-Force Exchange	XF		exchange.xforce.ibmcloud.com			
Bug 595970 – CVE-2008-7256 CVE-2010-1643 kernel: nfsd: fix vm overcommit crash	CONFIRM		bugzilla.redhat.com			
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE		lists.opensuse.org			
oss-security - Re: CVE request - kernel: nfsd: fix vm overcommit crash	MLIST		www.openwall.com			
oss-security - CVE request - kernel: nfsd: fix vm overcommit crash	MLIST		www.openwall.com			
Webmail - OVH	VUPEN		www.vupen.com	Venc		
404: File not found	CONFIRM		www.kernel.org			
CVE Program record	CVE.ORG		www.cve.org	cano		
NVD vulnerability detail	NVD		nvd.nist.gov	cano		

No vendor comments have been submitted for this CVE.

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