



CVE-2012-6538

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

Summary

CVE	CVE-2012-6538
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-03-15 20:55:00 UTC
Updated	2023-11-07 02:13:00 UTC
Description	The copy_to_user_auth function in net/xfrm/xfrm_user.c in the Linux kernel before 3.6 uses an incorrect C library function fr

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.0	rc1	All	All
Operating System	Linux	Linux Kernel	3.0	rc2	All	All
Operating System	Linux	Linux Kernel	3.0	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc4	All	All
Operating System	Linux	Linux Kernel	3.0	rc5	All	All
Operating System	Linux	Linux Kernel	3.0	rc6	All	All
Operating System	Linux	Linux Kernel	3.0	rc7	All	All
Operating System	Linux	Linux Kernel	3.0.1	All	All	All
Operating System	Linux	Linux Kernel	3.0.10	All	All	All
Operating System	Linux	Linux Kernel	3.0.11	All	All	All
Operating System	Linux	Linux Kernel	3.0.12	All	All	All
Operating System	Linux	Linux Kernel	3.0.13	All	All	All
Operating System	Linux	Linux Kernel	3.0.14	All	All	All
Operating System	Linux	Linux Kernel	3.0.15	All	All	All
Operating System	Linux	Linux Kernel	3.0.16	All	All	All
Operating System	Linux	Linux Kernel	3.0.17	All	All	All
Operating System	Linux	Linux Kernel	3.0.18	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	3.0.50	All	All	All
Operating System	Linux	Linux Kernel	3.0.51	All	All	All
Operating System	Linux	Linux Kernel	3.0.52	All	All	All
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Operating System	Linux	Linux Kernel	3.0.54	All	All	All
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Operating System	Linux	Linux Kernel	3.0.9	All	All	All
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Operating System	Linux	Linux Kernel	3.1.6	All	All	All
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Operating System	Linux	Linux Kernel	3.1.9	All	All	All
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Operating System	Linux	Linux Kernel	3.0	rc3	All	All
Operating System	Linux	Linux Kernel	3.0	rc4	All	All
Operating System	Linux	Linux Kernel	3.0	rc5	All	All

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Operating System	Linux	Linux Kernel	3.1	All	All	All
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Operating System	Linux	Linux Kernel	3.5.6	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All

References			
Reference	Source	Link	Tags
kernel/git/torvalds/linux.git - Linux kernel source tree		git.kernel.org	
xfrm_user: fix info leak in copy_to_user_auth() · torvalds/linux@4c87308 · GitHub	CONFIRM	github.com	
Red Hat Customer Portal	REDHAT	rhn.redhat.com	
oss-security - CVE Requests (maybe): Linux kernel: various info leaks, some NULL ptr derefs	MLIST	www.openwall.com	
www.kernel.org/pub/linux/kernel/v3.x/patch-3.6.bz2	CONFIRM	www.kernel.org	Patch
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,

No vendor comments have been submitted for this CVE.

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