



CVE-2012-3510

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

Summary

CVE	CVE-2012-3510
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-10-03 11:02:00 UTC
Updated	2023-02-13 04:34:00 UTC
Description	Use-after-free vulnerability in the xacct_add_tsk function in kernel/tsacct.c in the Linux kernel before 2.6.19 allows local use

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.6.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc5	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
Operating System	Linux	Linux Kernel	2.6.12	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc6	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
Operating System	Linux	Linux Kernel	2.6.12.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.13.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc3	All	All

Operating System	Linux	Linux Kernel	2.6.14	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.14.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.15.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.8	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.16	All	All	All
Operating System	Linux	Linux Kernel	2.6.16	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.16	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.16	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.16	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.16	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.16	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.16	rc7	All	All

[illegible]

[illegible]

Operating System	Linux	Linux Kernel	2.6.17.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.5	All	All	All
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	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	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	2.6.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.10	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc3	All	All

Operating System	Linux	Linux Kernel	2.6.11	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.11	rc5	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
Operating System	Linux	Linux Kernel	2.6.12	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.12	rc6	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
Operating System	Linux	Linux Kernel	2.6.12.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.12.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.13	rc7	All	All

Operating System	Linux	Linux Kernel	2.6.13.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.13.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.14	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.14.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.14.7	All	All	All
Operating System	Linux	Linux Kernel	2.6.15	All	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.15	rc7	All	All
Operating System	Linux	Linux Kernel	2.6.15.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.5	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.6	All	All	All
Operating System	Linux	Linux Kernel	2.6.15.7	All	All	All

[illegible]

Operating System	Linux	Linux Kernel	2.6.16.9	All	All	All
Operating System	Linux	Linux Kernel	2.6.17	All	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.17	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.17.1	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.10	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.11	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.12	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.13	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.14	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.2	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.3	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.4	All	All	All
Operating System	Linux	Linux Kernel	2.6.17.5	All	All	All
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	All	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc5	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc6	All	All
Operating System	Linux	Linux Kernel	2.6.18	rc7	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	All	All	All	All

References						
Reference			Source		Link	
404 Not Found			CONFIRM		ftp.osuosl.org	
About Secunia Research Flexera			SECUNIA		secunia.com	
oss-security - Re: CVE Request -- kernel: taskstats: use-after-free in xacct_add_tsk()			MLIST		www.openwall.com	
Bug 849722 – CVE-2012-3510 kernel: taskstats: use-after-free in xacct_add_tsk()			CONFIRM		bugzilla.redhat.com	
Red Hat Customer Portal			MISC		access.redhat.com	
[PATCH] xacct_add_tsk: fix pure theoretical ->mm use-after-free · torvalds/linux@f0ec1aa · GitHub			CONFIRM		github.com	
Red Hat Customer Portal			REDHAT		rhn.redhat.com	
access.redhat.com CVE-2012-3510			MISC		access.redhat.com	
Linux Kernel 'taskstats' Local Denial of Service Vulnerability			BID		www.securityfocus.com	
Linux Kernel Use-After-Free in xacct_add_tsk() Lets Local Users Deny Service - SecurityTracker			SECTrack		www.securitytracker.com	
kernel/git/torvalds/linux.git - Linux kernel source tree			CONFIRM		git.kernel.org	
kernel/git/torvalds/linux.git - Linux kernel source tree			MISC		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.