



CVE-2012-2745

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

Summary

CVE	CVE-2012-2745
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-08-09 10:29:00 UTC
Updated	2023-02-13 04:33:00 UTC
Description	The copy_creds function in kernel/cred.c in the Linux kernel before 3.3.2 provides an invalid replacement session keyring to

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	3.3	All	All	All
Operating System	Linux	Linux Kernel	3.3	rc1	All	All
Operating System	Linux	Linux Kernel	3.3	rc2	All	All
Operating System	Linux	Linux Kernel	3.3	rc3	All	All
Operating System	Linux	Linux Kernel	3.3	rc4	All	All
Operating System	Linux	Linux Kernel	3.3	rc5	All	All
Operating System	Linux	Linux Kernel	3.3	rc6	All	All
Operating System	Linux	Linux Kernel	3.3	rc7	All	All
Operating System	Linux	Linux Kernel	3.3	All	All	All
Operating System	Linux	Linux Kernel	3.3	rc1	All	All
Operating System	Linux	Linux Kernel	3.3	rc2	All	All
Operating System	Linux	Linux Kernel	3.3	rc3	All	All
Operating System	Linux	Linux Kernel	3.3	rc4	All	All
Operating System	Linux	Linux Kernel	3.3	rc5	All	All
Operating System	Linux	Linux Kernel	3.3	rc6	All	All
Operating System	Linux	Linux Kernel	3.3	rc7	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References	
Reference	Source
Red Hat Customer Portal	REDHAT
USN-1597-1: Linux kernel (EC2) vulnerability Ubuntu	UBUNTU
USN-1567-1: Linux kernel vulnerabilities Ubuntu	UBUNTU
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.3.2	CONFIRM
cred: copy_process() should clear child->replacement_session_keyring · torvalds/linux@79549c6 · GitHub	CONFIRM
USN-1606-1: Linux kernel vulnerabilities Ubuntu	UBUNTU
Security Advisory SA50633 - Ubuntu update for kernel - Secunia	SECUNIA
Security Advisory SA50853 - Ubuntu update for kernel - Secunia	SECUNIA
git.kernel.org	MISC
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM
Linux Kernel Key Management CVE-2012-2745 Denial of Service Vulnerability	BID
Security Alerts - Secunia	SECUNIA
Linux Kernel Session Keyring Bug in copy_creds() Lets Local Users Deny Service - SecurityTracker	SECTRACK
833428 – (CVE-2012-2745) CVE-2012-2745 kernel: cred: copy_process() should clear child->replacement_session_keyring	CONFIRM
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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