CVE-2007-0006

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2007-0006
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2007-02-06 19:28:00 UTC
Updated	2026-04-23 00:35:47 UTC
Description	The key serial number collision avoidance code in the key_alloc_serial function in Linux kernel 2.6.9 up to 2.6.20 allows loc

Risk And Classification

Primary CVSS: v2.0 1.9 from nvd@nist.gov

AV:L/AC:M/Au:N/C:N/I:N/A:P

Problem Types: NVD-CWE-Other | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:L/AC:M/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	2.6.9	2.6.20	All	All

Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
Ubuntu update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	sec
USN-451-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da2661108	ww
227495 – CVE-2007-0006 Key serial number collision problem	af854a3a-2127-422b-91ae-364da2661108	bug
Security Announcement	af854a3a-2127-422b-91ae-364da2661108	ww
7727 – spinlock CPU recursion	af854a3a-2127-422b-91ae-364da2661108	bug
Linux Kernel Key_Alloc_Serial() Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108	ww
Advisories - Mandriva Linux	af854a3a-2127-422b-91ae-364da2661108	ww
Advisories - Mandriva Linux	af854a3a-2127-422b-91ae-364da2661108	ww
Red Hat update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	sec
Linux Kernel "key_alloc_serial()" Denial of Service - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	sec
SUSE update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	sec
rhn.redhat.com | Red Hat Support	af854a3a-2127-422b-91ae-364da2661108	ww
rPath update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	sec
SecurityFocus	af854a3a-2127-422b-91ae-364da2661108	ww
rhn.redhat.com | Red Hat Support	af854a3a-2127-422b-91ae-364da2661108	ww
Mandriva update for kernel - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	sec
Repository / Oval Repository	af854a3a-2127-422b-91ae-364da2661108	ova
issues.rpath.com/browse/RPL-1097	af854a3a-2127-422b-91ae-364da2661108	issu
rPath update for kernel and xen - Advisories - Secunia	af854a3a-2127-422b-91ae-364da2661108	sec
Mandriva update for kernel - Secunia Advisories - Vulnerability Intelligence - Secunia.com	af854a3a-2127-422b-91ae-364da2661108	sec
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nvd

No vendor comments have been submitted for this CVE.

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