



CVE-2010-1437

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary	
CVE	CVE-2010-1437
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-05-07 18:30:01 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Race condition in the find_keyring_by_name function in security/keys/keyring.c in the Linux kernel 2.6.34-rc5 and earlier all

Risk And Classification

Primary CVSS: v3.1 7 HIGH from nvd@nist.gov

CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-362 | CWE-416 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7	HIGH	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	4.4		AV:L/AC:M/Au:N/C:P/I:P/A:P

CVSS v3.1 Breakdown	
Attack Vector	Local
Attack Complexity	High
Privileges Required	Low
User Interaction	None
Scope	Unchanged
Confidentiality	High
Integrity	High
Availability	

High

CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	5.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc1	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc2	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc3	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc4	All	All
Operating System	Linux	Linux Kernel	2.6.34	rc5	All	All
Operating System	Opensuse	Opensuse	11.1	All	All	All
Operating System	Suse	Linux Enterprise Desktop	11	-	All	All
Operating System	Suse	Linux Enterprise High Availability Extension	11	-	All	All
Operating System	Suse	Linux Enterprise Server	11	-	All	All

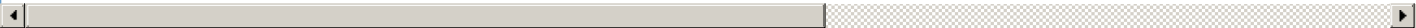
Vendor Declared Affected Products

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

References

Reference	Source
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SecurityFocus	af854a3a-2127-422b-91ae-364da266
[1/1,BUG,IMPORTANT] KEYRINGS: find_keyring_by_name() can gain the freed keyring - Patchwork	af854a3a-2127-422b-91ae-364da266
Webmail - OVH	af854a3a-2127-422b-91ae-364da266
'Re: [PATCH 2/7] KEYS: find_keyring_by_name() can gain access to a' - MARC	af854a3a-2127-422b-91ae-364da266
VMSA-2011-0003	af854a3a-2127-422b-91ae-364da266
Repository / Oval Repository	af854a3a-2127-422b-91ae-364da266
404: File not found - Patchwork	af854a3a-2127-422b-91ae-364da266
VMware ESX Server Multiple Kernel Vulnerabilities - Advisories - Community	af854a3a-2127-422b-91ae-364da266
Debian -- Security Information -- DSA-2053-1 linux-2.6	af854a3a-2127-422b-91ae-364da266
Red Hat update for kernel - Advisories - Community	af854a3a-2127-422b-91ae-364da266
Debian update for linux-2.6 - Advisories - Community	af854a3a-2127-422b-91ae-364da266
Linux Kernel 'find_keyring_by_name()' Local Memory Corruption Vulnerability	af854a3a-2127-422b-91ae-364da266
Bug 585094 – CVE-2010-1437 kernel: keyrings: find_keyring_by_name() can gain the freed keyring	af854a3a-2127-422b-91ae-364da266
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da266
'[PATCH 0/1][BUG][IMPORTANT] KEYRINGS: find_keyring_by_name() can' - MARC	af854a3a-2127-422b-91ae-364da266
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	af854a3a-2127-422b-91ae-364da266
'[PATCH 2/7] KEYS: find_keyring_by_name() can gain access to a freed' - MARC	af854a3a-2127-422b-91ae-364da266
oss-security - Re: CVE request - kernel: find_keyring_by_name() can gain the freed keyring	af854a3a-2127-422b-91ae-364da266
Security Advisory SA40645 - SUSE update for kernel - Secunia	af854a3a-2127-422b-91ae-364da266
oss-security - CVE request - kernel: find_keyring_by_name() can gain the freed keyring	af854a3a-2127-422b-91ae-364da266
rhn.redhat.com Red Hat Support	af854a3a-2127-422b-91ae-364da266
Red Hat Customer Portal	MITRE
Red Hat Customer Portal	MITRE
Red Hat Customer Portal	MITRE
access.redhat.com CVE-2010-1437	MITRE
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.

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Free CVE JSON API cve.report/api

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