CVE-2014-5045

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

Summary

CVE	CVE-2014-5045
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-08-01 11:13:09 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The mountpoint_last function in fs/namei.c in the Linux kernel before 3.15.8 does not properly maintain a certain reference

Risk And Classification

Primary CVSS: v2.0 6.2 from nvd@nist.gov

AV:L/AC:H/Au:N/C:C/I:C/A:C

Problem Types: CWE-59 | n/a

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

High

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:H/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

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

Operating System	Redhat	Enterprise Linux Eus	6.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	6.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	6.5	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
fs: umount on symlink leaks mnt count · torvalds/linux@295dc39 · GitHub	af854a3a-2127-422b-91ae-364da2661108
Security Advisory SA60353 - Linux Kernel "mountpoint_last()" Vulnerability - Secunia	af854a3a-2127-422b-91ae-364da2661108
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108
Bug 1122472 – CVE-2014-5045 kernel: vfs: refcount issues during unmount on symlink	af854a3a-2127-422b-91ae-364da2661108
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.15.8	af854a3a-2127-422b-91ae-364da2661108
git.kernel.org	af854a3a-2127-422b-91ae-364da2661108
Linux Kernel CVE-2014-5045 Local Privilege Escalation Vulnerability	af854a3a-2127-422b-91ae-364da2661108
oss-security - Re: CVE request: kernel: vfs: refcount issues during unmount on symlink	af854a3a-2127-422b-91ae-364da2661108
kernel/git/torvalds/linux.git - Linux kernel source tree	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.