CVE-2014-3631

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

Summary

CVE	CVE-2014-3631
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-09-28 10:55:10 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The assoc_array_gc function in the associative-array implementation in lib/assoc_array.c in the Linux kernel before 3.16.3 c

Risk And Classification

Primary CVSS: v2.0 7.2 from nvd@nist.gov

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

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/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

Vendor Declared Affected Products

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

References

Reference	Source
USN-2379-1: Linux kernel vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-3
Bug 1140325 – CVE-2014-3631 kernel: keys: incorrect termination condition in assoc array garbage collection	af854a3a-2127-422b-91ae-3
osvdb.org/show/osvdb/111298	af854a3a-2127-422b-91ae-3
www.kernel.org/pub/linux/kernel/v3.x/ChangeLog-3.16.3	af854a3a-2127-422b-91ae-3
KEYS: Fix termination condition in assoc array garbage collection · torvalds/linux@95389b0 · GitHub	af854a3a-2127-422b-91ae-3
Linux Kernel Associative Array Garbage Collection - Crash PoC	af854a3a-2127-422b-91ae-3
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-3
Linux Kernel CVE-2014-3631 Local Denial of Service Vulnerability	af854a3a-2127-422b-91ae-3
USN-2378-1: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-3
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.