sched: act_ct: take care of padding in struct zones_ht_key

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

Summary

CVE	CVE-2024-42272
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-08-17 09:15:08 UTC
Updated	2026-05-12 12:17:05 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: sched: act_ct: take care of padding in struct zones_ht_key

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-908

CVSS v3.1 Breakdown

Attack Vector
Local

Attack Complexity
Low

Privileges Required
Low

User Interaction
None

Scope
Unchanged

Confidentiality
None

Integrity
None

Availability
High

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

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
CNA	Linux	Linux	affected 03f625505e27f709390a86c9b78d3707f4c23df8 7c03ab5
CNA	Linux	Linux	affected aa1f81fe3a059bc984b230b5352ab89d06aa3c7b 3ddefc
CNA	Linux	Linux	affected 2f82f75f843445daa81e8b2a76774b1348033ce6 d06daf
CNA	Linux	Linux	affected 9126fd82e9edc7b4796f756e4b258d34f17e5e4a d7cc18
CNA	Linux	Linux	affected 88c67aeb14070bab61d3dd8be96c8b42ebcaf53a 3a5b6
CNA	Linux	Linux	affected 88c67aeb14070bab61d3dd8be96c8b42ebcaf53a 2191a
CNA	Linux	Linux	affected b4382b854975ae96fbfcc83a1d79b5c063c1aaa8 git
CNA	Linux	Linux	affected 6.10
CNA	Linux	Linux	unaffected 6.10 semver
CNA	Linux	Linux	unaffected 5.10.224 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.165 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.104 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.45 6.6.* semver
CNA	Linux	Linux	unaffected 6.10.4 6.10.* semver
CNA	Linux	Linux	unaffected 6.11 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

References

Reference	Source	Link
git.kernel.org/stable/c/2191a54f63225b548fd8346be3611c3219a24738	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/d7cc186d0973afce0e1237c37f7512c01981fb79	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-265688.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/d06daf0ad645d9225a3ff6958dd82e1f3988fa64	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/7c03ab555eb1ba26c77fd7c25bdf44a0ac23edee	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/3ddefcb8f75e312535e2e7d5fef9932019ba60f2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/3a5b68869dbe14f1157c6a24ac71923db060eeab	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2024/10/msg00003.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
lists.debian.org/debian-lts-announce/2025/01/msg00001.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
CVE Program record	CVE.ORG	www.cve.org

NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**