tls: separate no-async decryption request handling from async

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

Summary

CVE	CVE-2024-58240
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-08-28 10:15:31 UTC
Updated	2026-05-12 13:16:27 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: tls: separate no-async decryption request handling from a

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-416

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/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 3c4d7559159bfe1e3b94df3a657b2cda3a34e218 48905146d11dbf1ddbb2967319016a839
CNA	Linux	Linux	affected 3c4d7559159bfe1e3b94df3a657b2cda3a34e218 dec5b6e7b211e405d3bcb504562ab21aa
CNA	Linux	Linux	affected 3c4d7559159bfe1e3b94df3a657b2cda3a34e218 999115298017a675d8ddf61414fc7a85c8
CNA	Linux	Linux	affected 3c4d7559159bfe1e3b94df3a657b2cda3a34e218 41532b785e9d79636b3815a64ddf6a096
CNA	Linux	Linux	affected 4.13
CNA	Linux	Linux	unaffected 4.13 semver
CNA	Linux	Linux	unaffected 6.1.149 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.21 6.6.* semver
CNA	Linux	Linux	unaffected 6.7.9 6.7.* semver
CNA	Linux	Linux	unaffected 6.8 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom

References

Reference	Source	Link
git.kernel.org/stable/c/41532b785e9d79636b3815a64ddf6a096647d011	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/10/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/48905146d11dbf1ddbb2967319016a83976953f5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/dec5b6e7b211e405d3bcb504562ab21aa7e5a64d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.cc
git.kernel.org/stable/c/999115298017a675d8ddf61414fc7a85c89f1186	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.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