



# crypto: qat - resolve race condition during AER recovery

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2024-26974
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2024-05-01 06:15:14 UTC
<b>Updated</b>	2026-05-12 12:16:28 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: crypto: qat - resolve race condition during AER recovery

## 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-367 | CWE-416

## 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

## 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 d8cba25d2c68992a6e7c1d329b690a9ebe01167d daba6
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d 8e81c
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d d0309
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d 4ae5a
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d 226fc
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d 8a5a7
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d 0c2cf
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d bb279
CNA	Linux	Linux	affected d8cba25d2c68992a6e7c1d329b690a9ebe01167d 7d42e
CNA	Linux	Linux	affected 3.17
CNA	Linux	Linux	unaffected 3.17 semver
CNA	Linux	Linux	unaffected 4.19.312 4.19.* semver
CNA	Linux	Linux	unaffected 5.4.274 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.215 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.154 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.84 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.24 6.6.* semver
CNA	Linux	Linux	unaffected 6.7.12 6.7.* semver
CNA	Linux	Linux	unaffected 6.8.3 6.8.* semver
CNA	Linux	Linux	unaffected 6.9 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 TM MFP - GNU/Linux Subsystem	affected * custom

## References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org/debian-lts-announce/2024/06/msg00017.html">lists.debian.org</a>
git.kernel.org/stable/c/0c2cf5142bfb634c0ef0a1a69cdf37950747d0be	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/stable/c/0c2cf5142bfb634c0ef0a1a69cdf37950747d0be">git.kernel.org</a>
git.kernel.org/stable/c/4ae5a97781ce7d6ecc9c7055396535815b64ca4f	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/stable/c/4ae5a97781ce7d6ecc9c7055396535815b64ca4f">git.kernel.org</a>
git.kernel.org/stable/c/bb279ead42263e9fb09480f02a4247b2c287d828	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/stable/c/bb279ead42263e9fb09480f02a4247b2c287d828">git.kernel.org</a>
git.kernel.org/stable/c/d03092550f526a79cf1ade7f0dfa74906f39eb71	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org/stable/c/d03092550f526a79cf1ade7f0dfa74906f39eb71">git.kernel.org</a>

<a href="https://git.kernel.org/stable/c/daba62d9eeddcc5b1081be7d348ca836c83c59d7">git.kernel.org/stable/c/daba62d9eeddcc5b1081be7d348ca836c83c59d7</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://cert-portal.siemens.com/productcert/html/ssa-265688.html">cert-portal.siemens.com/productcert/html/ssa-265688.html</a>	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	<a href="https://cert-portal.siemens.com">cert-portal.siemens.com</a>
<a href="https://git.kernel.org/stable/c/7d42e097607c4d246d99225bf2b195b6167a210c">git.kernel.org/stable/c/7d42e097607c4d246d99225bf2b195b6167a210c</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/8e81cd58aee14a470891733181a47d123193ba81">git.kernel.org/stable/c/8e81cd58aee14a470891733181a47d123193ba81</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/8a5a7611ccc7b1fba8d933a9f22a2e76859d94dc">git.kernel.org/stable/c/8a5a7611ccc7b1fba8d933a9f22a2e76859d94dc</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://git.kernel.org/stable/c/226fc408c5fcd23cc4186f05ea3a09a7a9aef2f7">git.kernel.org/stable/c/226fc408c5fcd23cc4186f05ea3a09a7a9aef2f7</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://git.kernel.org">git.kernel.org</a>
<a href="https://lists.debian.org/debian-lts-announce/2024/06/msg00020.html">lists.debian.org/debian-lts-announce/2024/06/msg00020.html</a>	af854a3a-2127-422b-91ae-364da2661108	<a href="https://lists.debian.org">lists.debian.org</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

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

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