iommu/vt-d: Don't issue ATS Invalidation request when device is disconnected

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

Summary

CVE	CVE-2024-26891
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-04-17 11:15:10 UTC
Updated	2026-05-12 12:16:24 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: iommu/vt-d: Don't issue ATS Invalidation request when de

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: NVD-CWE-Other

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 6f7db75e1c469057fe7588ed959328ead771ccc7 f873b8
CNA	Linux	Linux	affected 6f7db75e1c469057fe7588ed959328ead771ccc7 d70f1c
CNA	Linux	Linux	affected 6f7db75e1c469057fe7588ed959328ead771ccc7 34a7b3
CNA	Linux	Linux	affected 6f7db75e1c469057fe7588ed959328ead771ccc7 2b74b2
CNA	Linux	Linux	affected 6f7db75e1c469057fe7588ed959328ead771ccc7 c04f27
CNA	Linux	Linux	affected 6f7db75e1c469057fe7588ed959328ead771ccc7 025bc6
CNA	Linux	Linux	affected 6f7db75e1c469057fe7588ed959328ead771ccc7 4fc82c
CNA	Linux	Linux	affected 5.0
CNA	Linux	Linux	unaffected 5.0 semver
CNA	Linux	Linux	unaffected 5.10.214 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.153 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.83 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.23 6.6.* semver
CNA	Linux	Linux	unaffected 6.7.11 6.7.* semver
CNA	Linux	Linux	unaffected 6.8.2 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
git.kernel.org/stable/c/f873b85ec762c5a6abe94a7ddb31df5d3ba07d85	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/34a7b30f56d30114bf4d436e4dc793afe326fbcf	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
lists.debian.org/debian-lts-announce/2024/06/msg00017.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/025bc6b41e020aeb1e71f84ae3ffce945026de05	af854a3a-2127-422b-91ae-364da2661108	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/c04f2780919f20e2cc4846764221f5e802555868	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/d70f1c85113cd8c2aa8373f491ca5d1b22ec0554	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/4fc82cd907ac075648789cc3a00877778aa1838b	af854a3a-2127-422b-91ae-364da2661108	git.kernel.org
git.kernel.org/stable/c/2b74b2a92e524d7c8dec8e02e95ecf18b667c062	af854a3a-2127-422b-91ae-364da2661108	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**