bus: mhi: host: Detect events pointing to unexpected TREs

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

Summary

CVE	CVE-2025-39790
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-11 17:15:45 UTC
Updated	2026-05-12 13:17:11 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: bus: mhi: host: Detect events pointing to unexpected TRE

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-415

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 1d3173a3bae7039b765a0956e3e4bf846dbaacb8 7b3f0e3b60c27f4fcb69927d84987e5fd6
CNA	Linux	Linux	affected 1d3173a3bae7039b765a0956e3e4bf846dbaacb8 4079c6c59705b96285219b9efc63cab87
CNA	Linux	Linux	affected 1d3173a3bae7039b765a0956e3e4bf846dbaacb8 5e17429679a8545afe438ce7a82a13a54
CNA	Linux	Linux	affected 1d3173a3bae7039b765a0956e3e4bf846dbaacb8 2ec99b922f4661521927eeada76f431ee
CNA	Linux	Linux	affected 1d3173a3bae7039b765a0956e3e4bf846dbaacb8 44e1a079e18f78d6594a715b0c6d7e18c
CNA	Linux	Linux	affected 1d3173a3bae7039b765a0956e3e4bf846dbaacb8 5bd398e20f0833ae8a1267d4f343591a2
CNA	Linux	Linux	affected 5.7
CNA	Linux	Linux	unaffected 5.7 semver
CNA	Linux	Linux	unaffected 5.15.190 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.149 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.103 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.44 6.12.* semver
CNA	Linux	Linux	unaffected 6.16.4 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom

References

Reference	Source	Link
lists.debian.org/debian-lts-announce/2025/10/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/5e17429679a8545afe438ce7a82a13a54e8ceabb	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/7b3f0e3b60c27f4fcb69927d84987e5fd6240530	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/5bd398e20f0833ae8a1267d4f343591a2dd20185	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/4079c6c59705b96285219b9efc63cab870d757b7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/44e1a079e18f78d6594a715b0c6d7e18c656f7b9	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.co
git.kernel.org/stable/c/2ec99b922f4661521927eeada76f431eebfbabc4	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**