



bpf: Fix WARN() in get_bpf_raw_tp_regs

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2025-38285
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-07-10 08:15:26 UTC
Updated	2026-05-12 13:16:45 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: bpf: Fix WARN() in get_bpf_raw_tp_regs syzkaller reporte

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-617

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 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 44ebe361ab
CNA	Linux	Linux	affected 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 147ea936fc6
CNA	Linux	Linux	affected 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 ee90be48ed
CNA	Linux	Linux	affected 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 e167414bea
CNA	Linux	Linux	affected 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 6d8f39875a1
CNA	Linux	Linux	affected 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 c98cdf6795a
CNA	Linux	Linux	affected 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 18e8cbbae7
CNA	Linux	Linux	affected 9594dc3c7e71b9f52bee1d7852eb3d4e3aea9e99 3880cbed1
CNA	Linux	Linux	affected a7177b94aff4febe657fe31bb7e5ecdef72079f4 git
CNA	Linux	Linux	affected 2a9fedc1ef4be2acb4fd4674f405c21c811e1505 git
CNA	Linux	Linux	affected 5.2
CNA	Linux	Linux	unaffected 5.2 semver
CNA	Linux	Linux	unaffected 5.4.295 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.239 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.186 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.142 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.94 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.34 6.12.* semver
CNA	Linux	Linux	unaffected 6.15.3 6.15.* semver
CNA	Linux	Linux	unaffected 6.16 * original_commit_for_fix
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom
ADP	Siemens	SIPLUS S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom

References

Reference	Source	Link
git.kernel.org/stable/c/18e8cbbae79cb35bdce8a01c889827b9799c762e	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

cert-portal.siemens.com/productcert/html/ssa-082556.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/c98cdf6795a36bca163ebb40411fef1687b9eb13	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/44ebe361abb322d2afd77930fa767a99f271c4d1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/e167414beabb1e941fe563a96becc98627d5bdf6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/3880cbed1c4607e378f58fa924c5d6df900d1d3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/6d8f39875a10a194051c3eaefebc7ac06a34aaf3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/10/msg00007.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/ee90be48edb3dac612e0b7f5332482a9e8be2696	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/147ea936fc6fa8fe0c93f0df918803a5375ca535	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.

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