



team: better TEAM_OPTION_TYPE_STRING validation

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

Summary

CVE	CVE-2025-21787
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-02-27 03:15:19 UTC
Updated	2026-05-12 13:16:36 UTC

Description In the Linux kernel, the following vulnerability has been resolved: team: better TEAM_OPTION_TYPE_STRING validation s

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-908

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 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 7c304
CNA	Linux	Linux	affected 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 7f5aff
CNA	Linux	Linux	affected 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 f4436
CNA	Linux	Linux	affected 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 45124
CNA	Linux	Linux	affected 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 d071c
CNA	Linux	Linux	affected 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 4236k
CNA	Linux	Linux	affected 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 8401c
CNA	Linux	Linux	affected 3d249d4ca7d0ed6629a135ea1ea21c72286c0d80 5bef3
CNA	Linux	Linux	affected 3.3
CNA	Linux	Linux	unaffected 3.3 semver
CNA	Linux	Linux	unaffected 5.4.291 5.4.* semver
CNA	Linux	Linux	unaffected 5.10.235 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.179 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.129 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.79 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.16 6.12.* semver
CNA	Linux	Linux	unaffected 6.13.4 6.13.* semver
CNA	Linux	Linux	unaffected 6.14 * 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/2025/05/msg00030.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/7f5af50f3aa0af8cbef9fb76fffeed69e8143f59	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/7c30483d0f6bdb2230e10e3e4be5167927eac7a0	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/f443687ad20c70320d1248f35f57bf46cac8df0a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	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/4236bf4716589558cc0f3c3612642b2c2141b04e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/d071a91fa614ecdf760c29f61f6a7fb7df796d6	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

git.kernel.org/stable/c/8401cade1918281177974b32c925afdce750d292	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/5bef3ac184b5626ea62385d6b82a1992b89d7940	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/03/msg00028.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/4512482e4805dd30bc77dec511f2a2edba5cb868	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.

© [CVE.report](https://cve.report) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://mitre.org/cve). This site includes MITRE data granted under the following [license](https://mitre.org/cve).

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report